

STANDARD SURGICAL INSTRUMENTS

HUDSON SURGICAL CO., Inc.
UNION HILL, N. J.

When I was upon
 of brown she was brown
 a Blue Dancer is
 all my days



as this where she was
 in this for my old room
 I could hold a ~~star~~ star
 like this through the
 night of her kiss
 then I ~~find~~ the girl
 I'm sure
 is Blue for it
 Dancer of

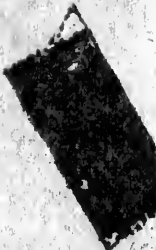
Yours

When I was upon
 star of Blue
 a most beautiful

Stop tapping
 the window
 of the room

100

$$\begin{array}{r} 850 \\ 2 \overline{) 135} \\ \underline{135} \\ 0 \end{array}$$



Illustrated Catalogue
OF
Standard
Surgical Instruments
AND
Allied Lines

FOURTH EDITION

Hudson Surgical Co., Inc.

10 Bergenline Avenue
UNION HILL, 1 JERSEY



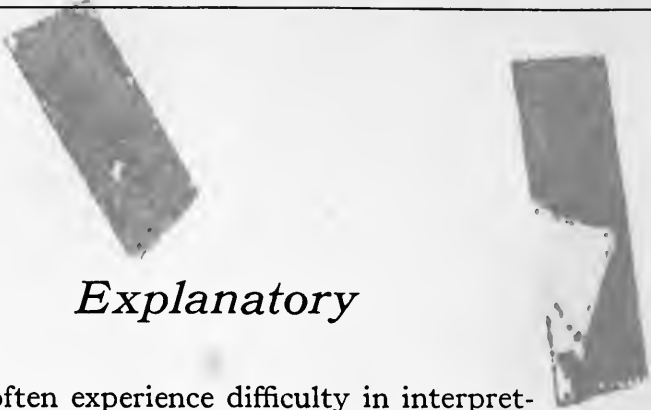
Introductory

IN issuing this catalogue we are compelled by uncertain trade conditions to omit prices from the body matter and to add a separate, loose price list which may be changed from time to time to meet necessity. Prices cannot be made permanent at this time and must be changed, often without notice being given our customers.

The catalogue is to serve as a reference by which customers may make their wants known to us specifically so that we may be able to give intelligent and satisfactory service.

We find it impractical to include in one catalogue the large lines, such as hospital furniture, X-Ray apparatus, etc., but invite correspondence when such equipment is required and will send complete literature upon request.

HUDSON SURGICAL CO., INC.



Explanatory

We often experience difficulty in interpreting orders sent us without complete specifications. Much loss of time and expense are the result. For your benefit and ours we suggest that, when ordering you give the complete name, the number and size (if several sizes) of the item.

When no directions for the manner of shipment accompany an order we ship it by the means of transportation which seems best, in our judgment.

It is our aim to give the best possible service, and we solicit your continued patronage.

HUDSON SURGICAL CO., INC.

Section "A"



Dissecting and Post-Mortem Instruments

Diagnostic Instruments and Apparatus

Microscopes and Microscopic Accessories

Laboratory Apparatus and Glass Ware

Apparatus for Blood and Urine Analysis

Apparatus for Phlebotomy, Cupping and
Leeching

Apparatus for Infusion and Transfusion

Syringes for Aspiration and Injection

Osteological Preparations



A-2



A-5



A-10



A-12



A-14



A-22



A-24

Dissecting and Post-Mortem Instruments Dissecting Knives

*A- 1 Scalpels, ebony handle.

A- 2 Scalpels, all steel.

*A- 3 Scalpels, all steel, fine quality.

*A- 5 Tenaculum, ebony handle.

A- 7 Tenaculum, all steel.

*A- 9 Tenaculum, all steel, fine quality.

Cartilage Knives

A-10 Plain, all steel, serrated handle.

A-12 American pattern, hollow metal handle.

A-14 English pattern, hollow metal handle.

*A-16 **Virchow's**, hollow metal handle.

Post

*A-18 **McCallum's**, hollow metal handle.

*A-20 **Virchow's**, bellied blade, hollow metal handle.

Knives

A-22 **Virchow's**, large bellied blade, hollow metal handle.

A-24 **Virchow's**, center point, hollow metal handle.



A-35



A-32



A-50



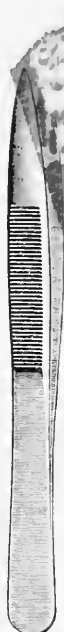
A-55



A-57



A-62



A-64

Dissecting and Post Mortem Instruments

Blowpipes

- *A-30 Plain.
- A-32 Plain, with mouthpiece.

Brain Knives

- A-35 **Virchow's**, hollow metal handle, $6\frac{3}{8}$ in., $9\frac{1}{2}$ in.

Chisels

- *A-40 Plain, 3 widths.
- *A-42 Costotome.
- *A-45 Rachiotome.
- A-50 **Von Brun's**.

Gouges

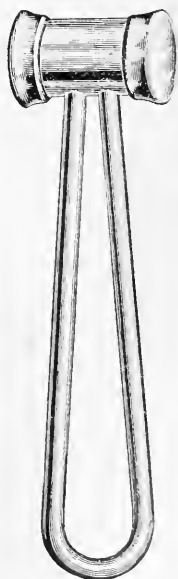
- A-55 Plain.
- A-57 **Von Brun's**, 3 widths.

Forceps

- *A-60 Fine, broad points.
- A-62 Fine, narrow points.
- A-64 Plain, broad points.

Mallet

- *A-70 All steel, hooked end.
- *A-72 Rawhide, wood handle.
- A-74 **Morgan's**, bronze, non-rebounding.
- *A-76 **Virchow's**.



A-74



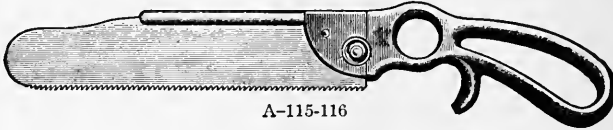
A-100



A-102



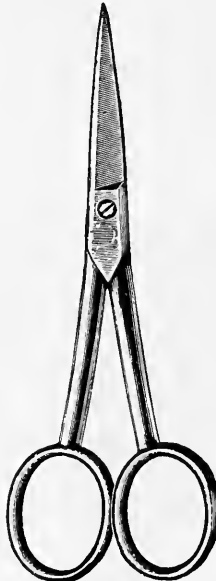
A-104



A-115-116



A-120



A-125



A-130

Dissecting and Post Mortem Instruments

Hooks

- *A- 80 Calvarian.
- *A- 82 Chain, triple.

Needles

- *A- 90 Straight, dissecting.
- *A- 91 Half curved, dissecting.
- *A- 92 Double curved, dissecting.

Probes

- A-100 **Johns Hopkins'** pattern.
- A-102 Seeker, double end.
- A-104 **University of Chicago** pattern.

Reamers

- *A-110 Post-mortem.

Saws

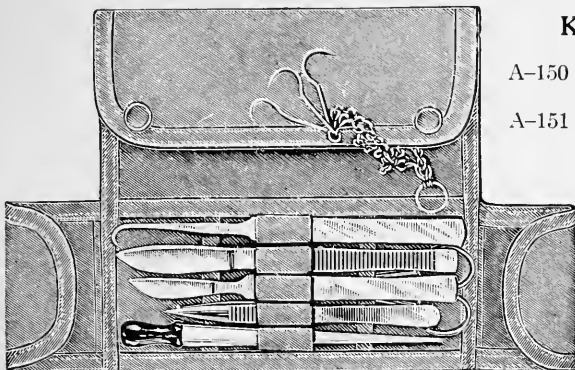
- 15 **Charriere's**, 6-inch blade.
- 116 **Charriere's**, 8-inch blade.

Scissors

- A-120 Scissors, fine quality, 4½-inch.
- A-125 Scissors, plain, 4½-inch.
- A-130 Scissors, heavy, 6-inch.

Contents of Dissecting Cases

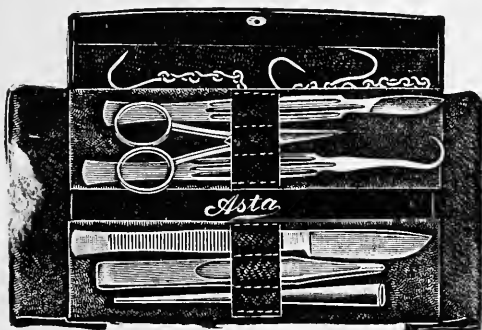
- No. 1. Dissecting Case, contains: 1 scalpel, 1 tenaculum, 1 cartilage knife, 1 forceps, 1 scissors, 1 set chain hooks, 1 blowpipe.
 No. 2. Dissecting Case, contains same as No. 1 with 1 scalpel added.
 No. 3. Dissecting Case, contains same as No. 2 with 1 scalpel added.
 No. 4. Dissecting Case, contains same as No. 3 with 1 scalpel added.



A-150-152

Khaki Rolls, University

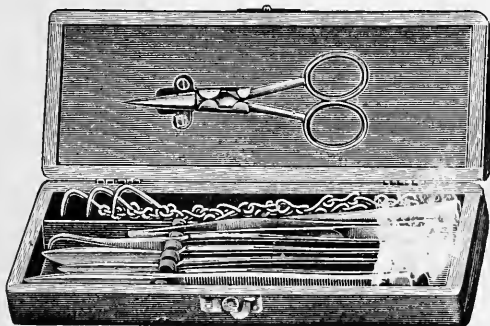
- A-150 No. 1. Case, with metal handle instruments.
 A-151 No. 2. Case, with metal handle instruments.
 A-152 No. 3. Case, with metal handle instruments.



A-170

Leatherette Case

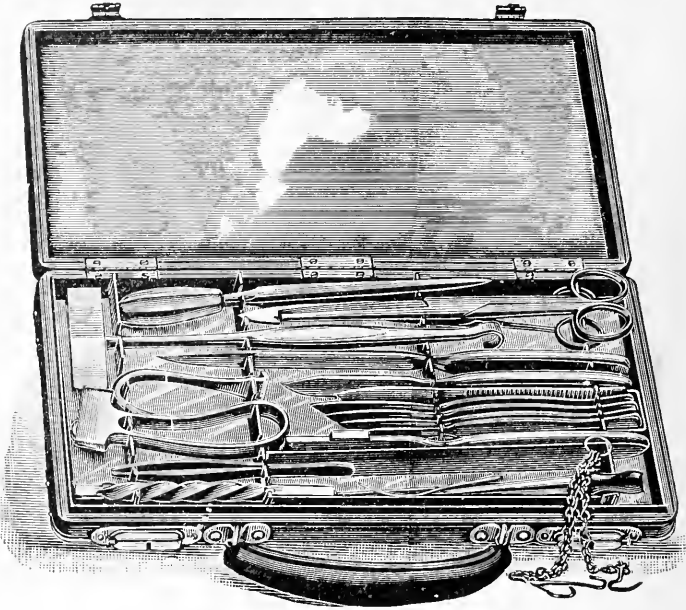
- A-170 No. 1. Case, with metal handle instruments.



A-180-203

Polished Wood Case

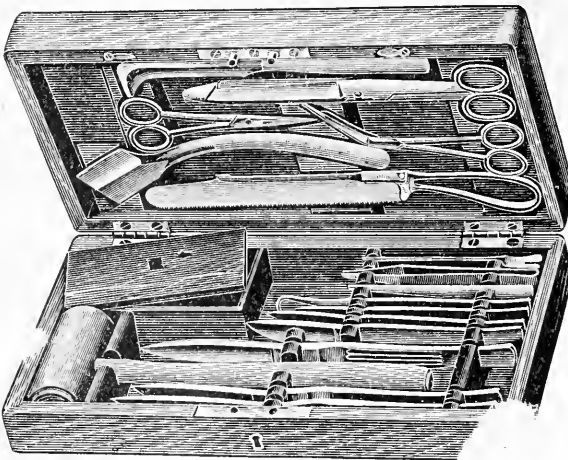
- A-180 No. 1. Case, with ebony handle instruments.
 A-181 No. 2. Case, with ebony handle instruments.
 A-182 No. 3. Case, with ebony handle instruments.
 A-200 No. 1. Case, with metal handle instruments.
 A-201 No. 2. Case, with metal handle instruments.
 A-202 No. 3. Case, with metal handle instruments.
 A-203 No. 4. Case, with metal handle instruments.



A-250

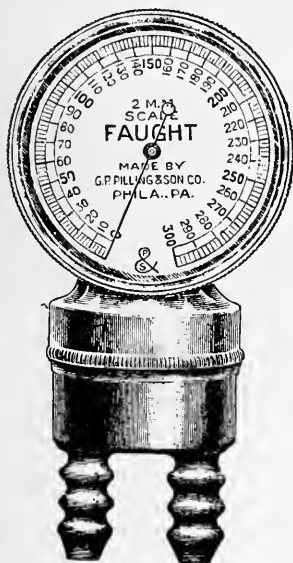
Post-Mortem Cases

A-250 Twentieth Century Post-Mortem Case. Contents: 4 best quality scalpels, 1 heavy cartilage knife, 1 reamer, 1 enterotomy scissor, 1 calvarian hook, 1 bone chisel, 1 blowpipe, 1 amputating knife, 1 small cartilage knife, 1 dissecting scissor, 1 steel hammer, 1 amputating saw, 1 rachitome, 1 set chain and hooks, 3 post-mortem needles and ligatures. All on a finely nickel-plated rack—no solder being used—thus rendering it capable of being thoroughly sterilized for protection of operator. The case is leather covered with nickel trimmings, having a very comfortable handle.



A-260

A-260 U. S. Marine Hospital Post-Mortem Set, in oak case, wood blocked. Contents: 2 dissecting scalpels, metal handles; 1 tenaculum, metal handle; 1 cartilage knife, metal handle; 3 Virchow's cartilage knives; 1 rachitome; 1 costotome; 1 Charriere's saw; 1 enterotomy scissors; 1 dissecting scissors; 1 artery scissors; 1 dissecting forceps; 1 rawhide mallet; 1 director and tongue tie; 1 blowpipe; needles and silk.



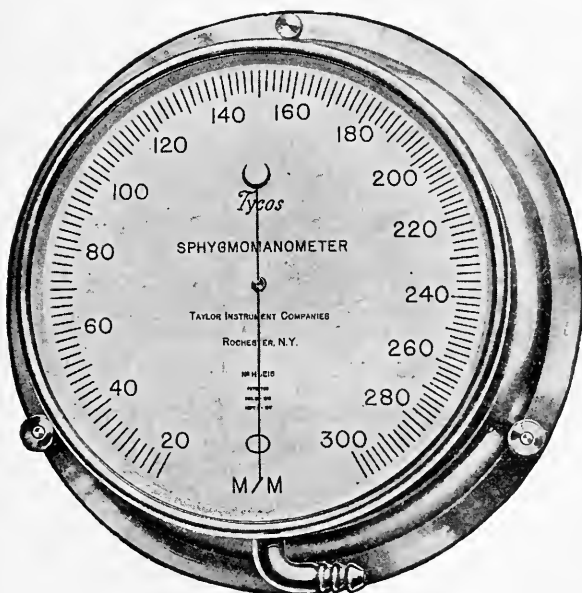
A-270



A-275



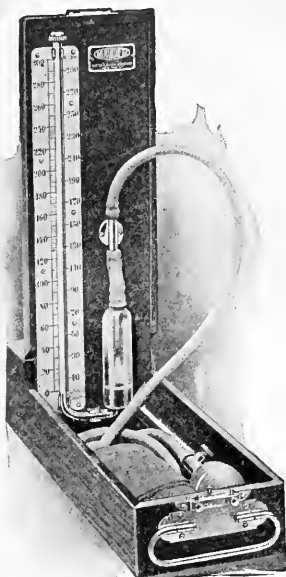
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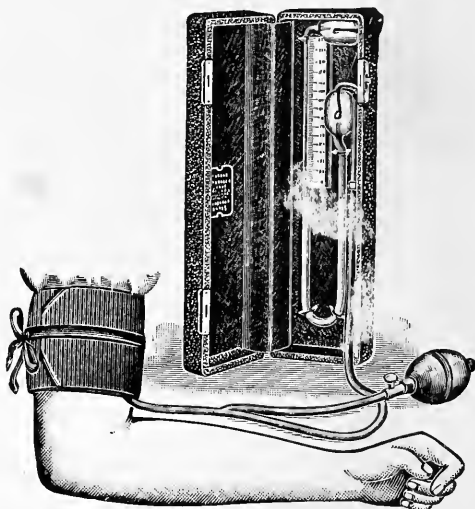
A-281

Aneroid Sphygmomanometers

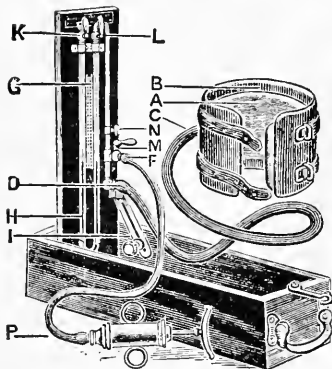
- A-270 **Faught's**, pocket, complete with cuff and pump, in case.
- A-275 **Tag-Roesch's**, pocket, complete with cuff and bulb, in case.
- A-280 **Tyco's**, pocket, complete with cuff and bulb, in case.
- A-281 **Tyco's**, office type, complete.



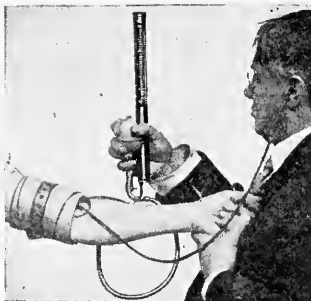
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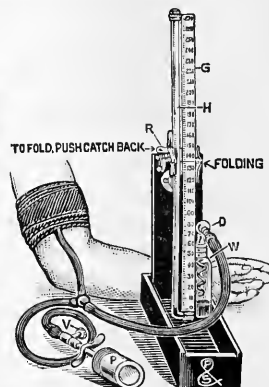
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A-305



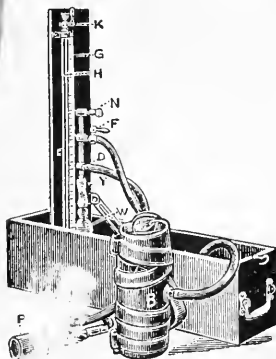
A-310



A-315

Mercurial Sphygmomanometers

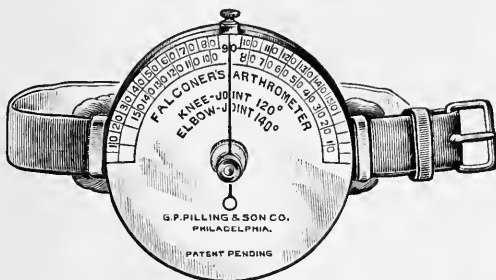
- A-290 **Baumanometer**, desk model, complete with cuff and bulb.
- A-291 **Baumanometer**, kit model, complete with cuff and bulb.
- A-292 **Baumanometer**, pocket model, complete with cuff and bulb.
- A-293 **Baumanometer**, wall board, complete with cuff and bulb.
- A-300 **Brown's**, complete with cuff and bulb.
- A-305 **Faught's**, complete with cuff and pump.
- A-310 **Mercer's**, complete with cuff and bulb, in soft leather case.
- A-315 **Pilling's**, pocket, complete with soft cuff and bulb.
- A-319 **Pilling's** special, No. 1, with stiff cuff and pump, mahogany case.
- *A-320 **Pilling's** special, No. 2, with soft cuff and pump, plain oak case.



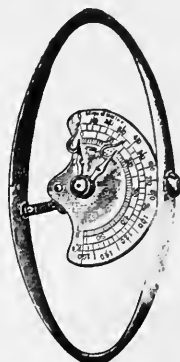
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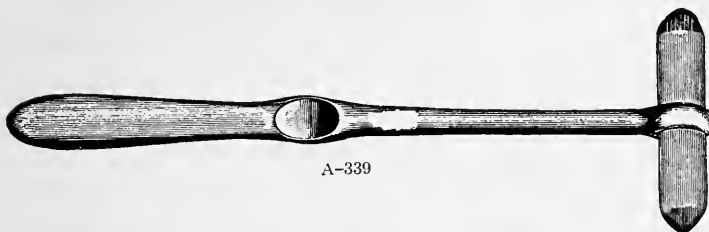
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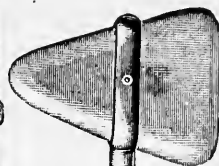
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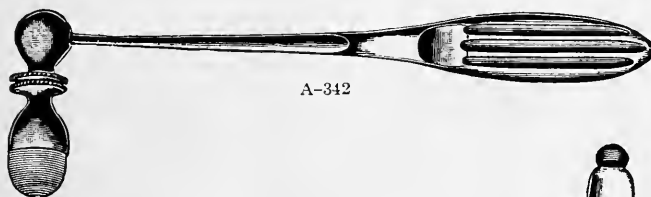
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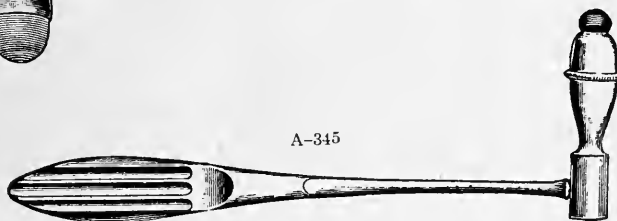
A-339



A-347



A-342



A-345

Aesthesiometers

A-330 Carroll's.

Arthrometers

A-335 Falconer's, for measuring mobility of joints.
Descriptive booklet sent on application.

Dynamometers

A-337 Collins'.

Percussors

A-339 Flint's, metal handle.
A-342 Niemayer's, solid handle.
A-345 Traube's, metal handle.
A-347 Taylor's, heavy, metal handle.



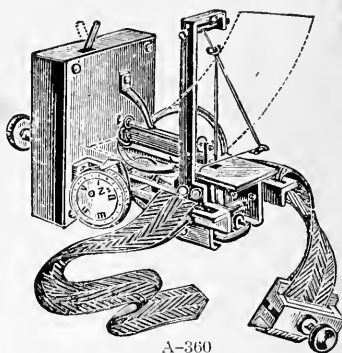
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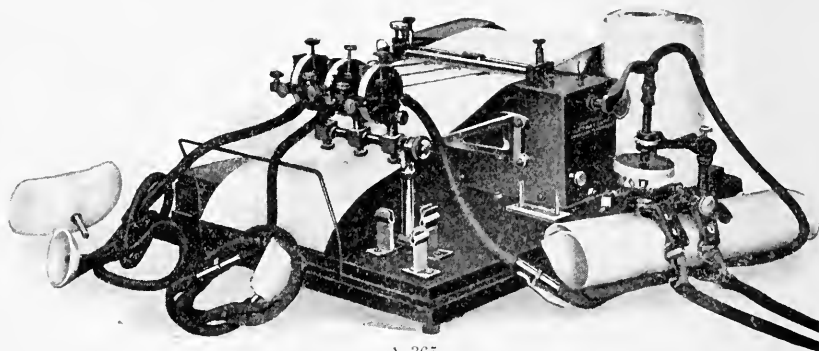
A-353



A-355



A-360



A-365

Pleximeters

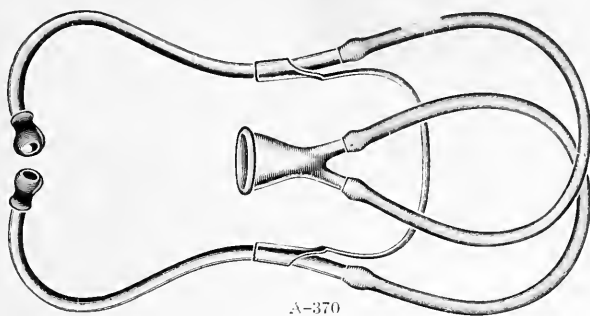
- A-350 Hard rubber, oval shape
- A-353 Hesse's, glass.
- A-355 Struck's, hard rubber.

Sphygmographs

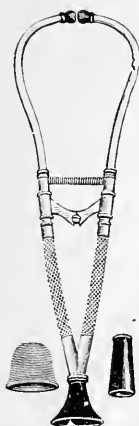
- A-360 Dudgeon's.
- *A-362 Richardson's.

Ink Polygraphs

- A-365 Mackenzie's New American Model (Dressler's modification) with 3 non-rubber diaphragms, ready assembled for immediate use, as shown, in case.



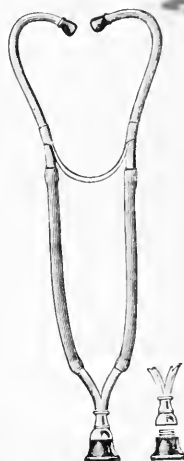
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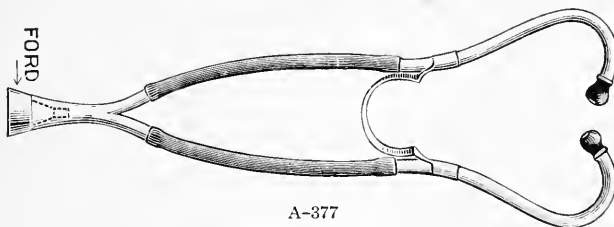
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A-375



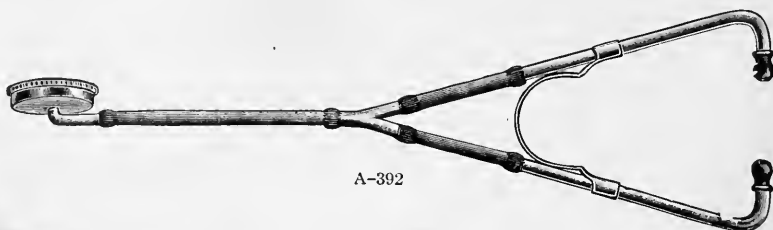
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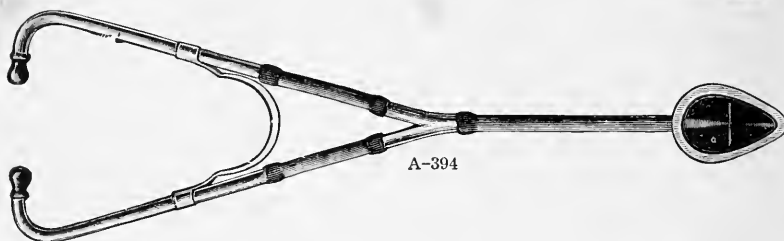
A-377

Stethoscopes—Bell Type

- A-370 **Acme**, with metal binaurals.
- *A-371 **Acme**, with soft rubber binaurals.
- A-373 **Camman's**, with spiral spring.
- A-375 **Downs'**, with metal tubing; with flexible metal tubing.
- A-377 **Ford's** (Post-Graduate), with rubber tubing; with flexible metal tubing.
- *A-379 **Sheppard's**, folding.
- A-381 **Snofton's**, with rubber tubing.
- A-382 **Snofton's**, with flexible metal tubing.
- *A-385 **Tiemann's**.



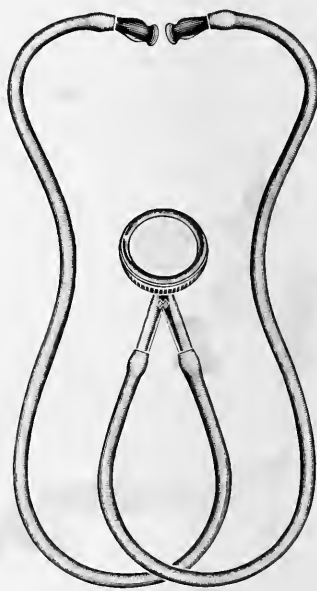
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A-394



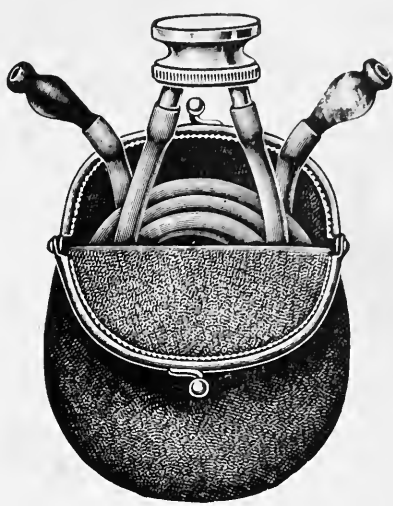
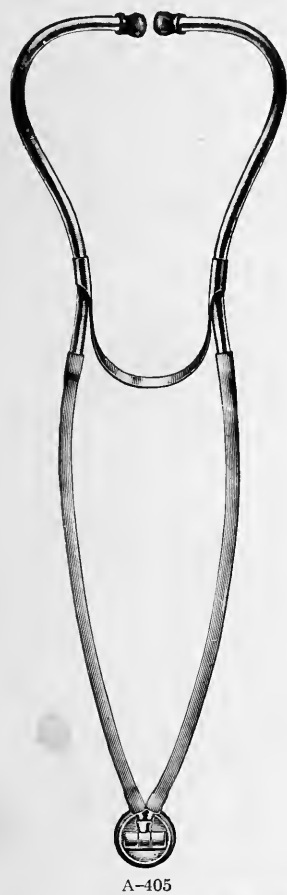
A-398



A-399

Stethoscopes—Diaphragm type

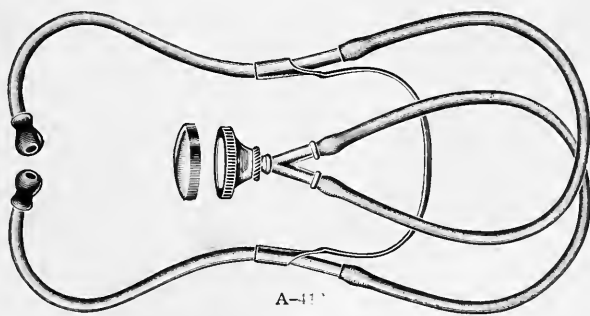
- *A-390 **Ampliphone.**
- A-392 **Bowle's**, round diaphragm, $1\frac{3}{8}$, $1\frac{3}{4}$ or $2\frac{1}{8}$ inc.. ameter.
- A-394 **Bowle's**, flat-iron diaphragm, one size only.
- A-398 **Carsten's Duplex**, with two diaphragms, $1\frac{3}{4}$ and 1 inch respectively.
- A-399 **Douglass**, with all soft rubber tubes, in khaki pouch.
- *A-400 **Douglass**, with metal ear tubes and soft rubber connecting tubes, in khaki pouch.



A-408



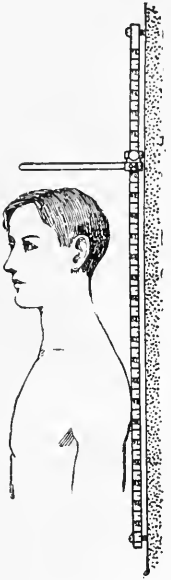
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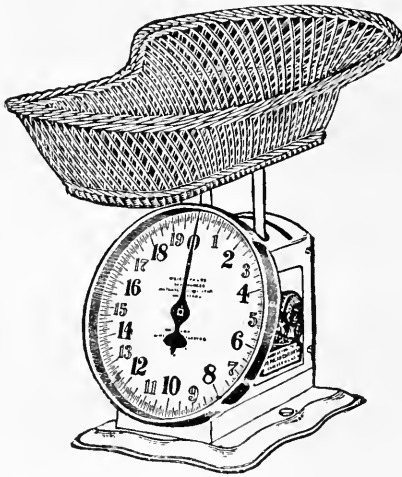
A-412

Stethoscopes—Diaphragm Type

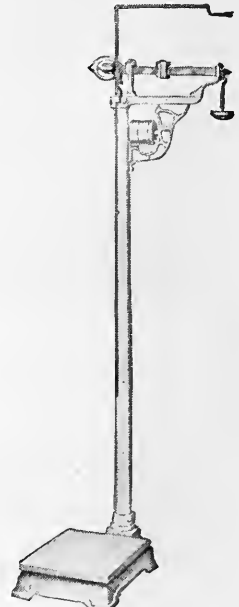
- A-405 **Kehler's**, with 1, 1¼ or 2 inch diaphragm, with metal binaurals, in leatherette box.
- *A-406 **Kehler's**, diaphragms as above, with soft rubber binaurals, in felt pouch.
- A-408 **Micro-membranous** Stethoscope, with soft rubber binaurals, in felt pouch.
- A-410 **Pilling's** Bracelet Stethoscope, arm, for blood pressure test.
- *A-412 **Pilling's** Bracelet Stethoscope, leg, for blood pressure test.
- *A-415 **Pulaski**, with soft rubber binaurals, in khaki pouch.
- A-416 **Pulaski**, with metal binaurals, in khaki pouch.



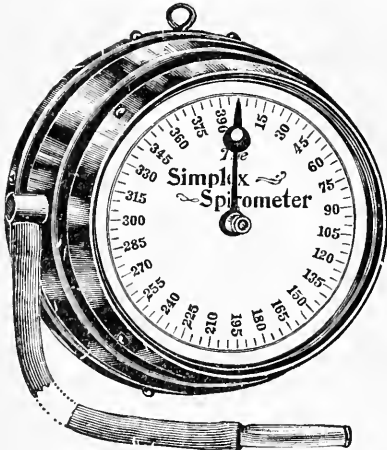
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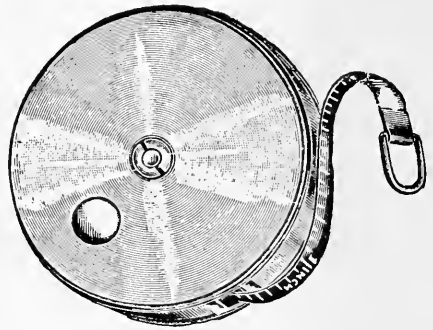
A-430



A-435



A-445



A-450-451

Measuring Rods

A-420 Douglass.

Scales

- *A-425 Physician's Bath-room Spring Scales.
- A-430 Physician's Bath-room Spring Scales, with nursery basket.
- A-435 Physician's Beam Scales, with removable weights.
- *A-440 Physician's Compound Beam Scales (sliding weights only).

Spirometers

A-445 Simplex.

Tape Measures

- A-450 Linen, in metal case, 1, 1½ and 2 meters or yards.
- A-451 Steel, in metal case, lengths as above.



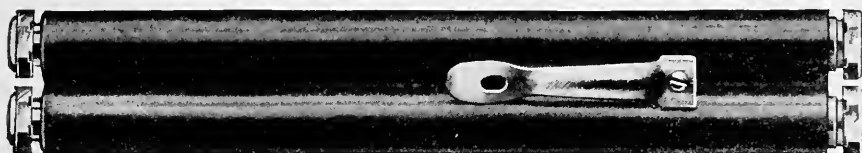
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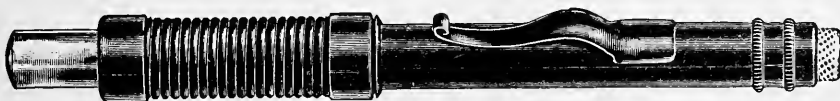
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A-490



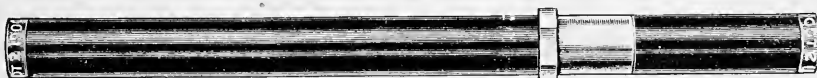
A-495



A-497



A-499



A-505

Fever Thermometers

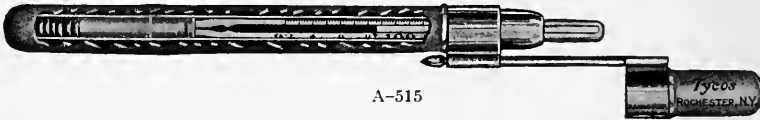
- A-480 Good quality clinical, in hard rubber case, $\frac{1}{2}$, 1 and 2 minute.
- A-485 Good quality clinical, rectal, in hard rubber case.
- A-490 **B. D. Co.** clinical, in B. D. Co. case, 30, 60 and 90 seconds.
- A-495 **B. D. Co.** clinical, in Duplex case with one 60 second and one rectal.
- A-497 **B. D. Presto** clinical, in special automatic shake-down case, 30, 60, 90 and 120 second.
The B. D. Presto safeguards against breakage in "shaking down."
- A-499 **B. D. Co.** Saranac, engraved from 94 to 106 degrees, in B. D. Co. case, 60 and 90 second.
- *A-500 **Harvard** clinical, in hard rubber or metal case, with or without chain, 30, 60, 90 and 120 second.
- A-505 **Harvard** clinical, in Acme case, 60 second.
- *A-506 **Harvard** clinicals, in twin case, one oral and one rectal.



A-507



A-509



A-515



A-530



A-535



A-540

Fever Thermometers

- A-507 **Harvard** clinical, in Ranfac clip case, 60 second.
- A-509 **Telafever** clinical, **fever readings in red**, in case, with or without chain, 30, 60 and 120 second.
- *A-510 **Telafever** clinicals, in twin case, with chain, one oral and one rectal.
- A-515 **Tycos** clinical, in Tycos safety case, $\frac{1}{2}$, 1 and 2 minute.
- *A-516 **Tycos** clinicals, in Tycos combination case, one oral and one rectal.
- *A-517 **Tycos** clinical, in hard rubber case, $\frac{1}{2}$, 1 and 2 minute.
- *A-518 **Taylor** quality clinical, in hard rubber case, $\frac{1}{2}$, 1 and 2 minute.

Fever Thermometer Cases

- A-530 Enamel and nickel case, with chain.
- A-535 Hexagon nickel case, with chain.
- A-540 Twist metal case, with chain.



A-600



A-602



A-604



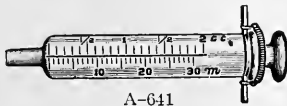
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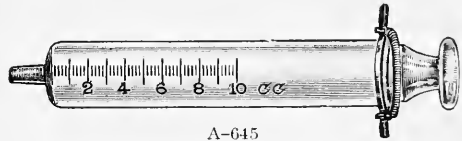
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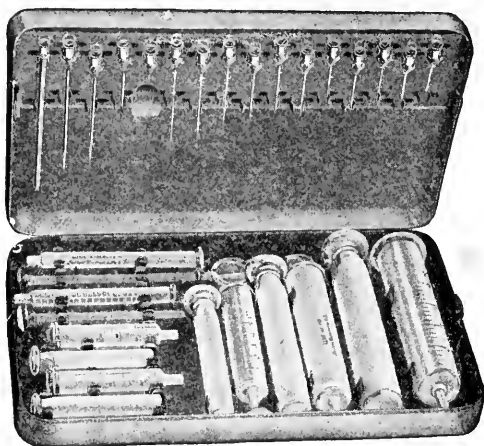
A-641



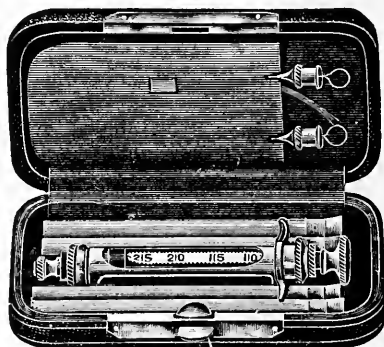
A-645

Antitoxin and Hypodermic Syringes Only

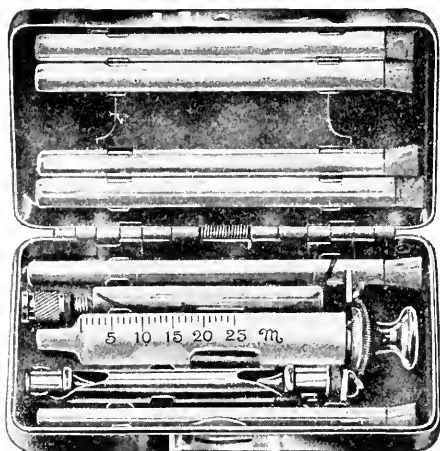
- A-600 All metal, aseptic, standard thread, 25 mns.
- A-602 Plain, glass and metal, standard thread, 25 mns.
- A-604 Plain, glass and metal, double fenestrated, standard thread, 25 mns.
- A-606 Glass and asbestos, with finger rests, screw thread, 30 mns.
- *A-607 Glass and asbestos, with finger rests, screw thread, 5 cc.
- *A-608 Glass and asbestos, with finger rests, screw thread, 10 cc.
- A-615 Glass and asbestos, with Luer tip, 30 mns.
- *A-616 Glass and asbestos, with Luer tip, 5 cc.
- *A-617 Glass and asbestos, with Luer tip, 10 cc.
- *A-618 Glass and asbestos, with Luer tip, 20 cc.
- A-619 Sub-Q, with mineral packing, screw thread, 25 and 30 mns.
- *A-620 Sub-Q, with mineral packing, screw thread, 60 mns.
- *A-621 Sub-Q, with mineral packing, screw thread, 12 cc.
- *A-622 Sub-Q, with mineral packing, screw thread, 20 cc.
- *A-630 Sub-Q, with mineral packing, Luer tip, 25 and 30 mns.
- *A-631 Sub-Q, with mineral packing, Luer tip, 60 mns.
- *A-632 Sub-Q, with mineral packing, Luer tip, 12 cc.
- *A-633 Sub-Q, with mineral packing, Luer tip, 20 cc.
- *A-640 All glass, Luer tip, $1\frac{1}{2}$ cc. or 25 mns. graduated in both scales.
- A-641 All glass, Luer tip, 2cc or 30 mns. graduated in both scales.
- *A-642 All glass, Luer tip, 3 cc. graduated in $\frac{1}{5}$ cc.
- *A-643 All glass, Luer tip, 4 cc. graduated in $\frac{1}{5}$ cc.
- *A-644 All glass, Luer tip, 5 cc. graduated in $\frac{1}{5}$ cc.
- *A-645 All glass, Luer tip, 10 cc. graduated in $\frac{1}{5}$ cc.
- *A-646 All glass, Luer tip, 20 cc. graduated in 1 cc.
- *A-647 All glass, Luer tip, 30 cc. graduated in 1 cc.
- *A-648 All glass, Luer tip, 50 cc. graduated in 5 cc.
- *A-649 All glass, Luer tip, 100 cc. graduated in 5 cc.



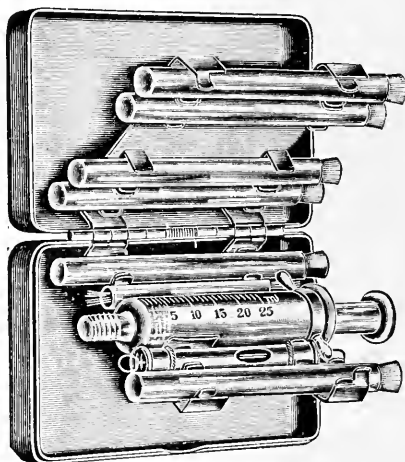
A-660



A-662



A-665



A-668

Antitoxin and Hypodermic Syringes in Cases

A-660 **Luer** Hospital Set, in fine metal case containing 7 syringes: 25 mns., 2 cc., 5 cc., 10 cc., 20 cc., $\frac{1}{2}$ cc. Barth-lemys, for gray oils; 1 cc. tuberculin and 16 assorted needles.

A-662 Hypodermic, glass and metal, 4 vials and 2 needles, in leather case.

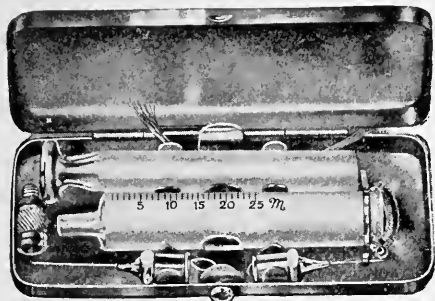
*A-663 Hypodermic, all metal, 4 vials and 2 needles, in leather case.

A-665 Hypodermic, all glass, 6 vials and 2 needles, in metal case.

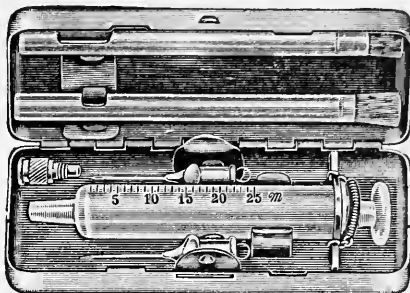
*A-666 Hypodermic, all metal, 6 vials and 2 needles, in metal case.

*A-667 Hypodermic, glass and metal, 6 vials and 2 needles, in metal case.

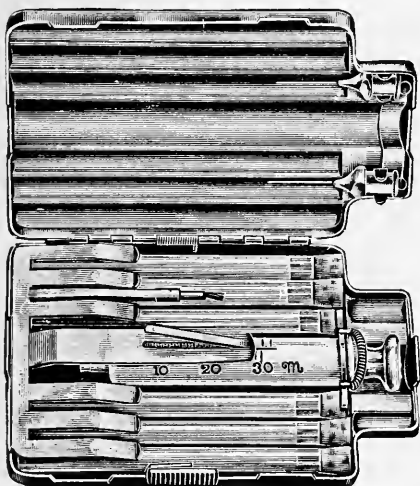
A-668 Hypodermic, glass and asbestos, 6 vials and 2 needles, in metal case.



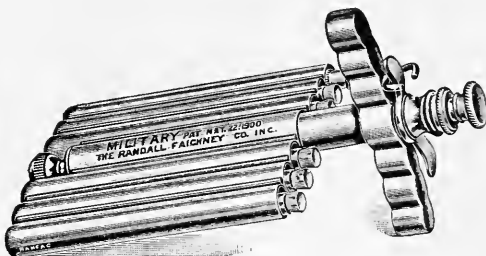
A-670



A-672



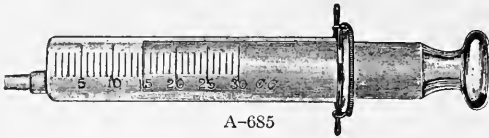
A-675



A-678

Antitoxin and Hypodermic Syringes in Cases

- A-670 Hypodermic, all glass, with 2 needles, in metal case.
- A-672 Hypodermic, all glass, with 2 vials and 2 needles, in metal case.
- A-675 Hypodermic, The **Admiral**, 6 vials and 2 needles, in nickel case.
- *A-676 Hypodermic, The **Admiral**, in heavily gold-plated case.
- A-678 Hypodermic, The **Military**, 5 vials and 2 needles, in nickel case.
- *A-679 Hypodermic, The **Military**, in heavily gold-plated case.



A-685



A-687



A-693



A-700



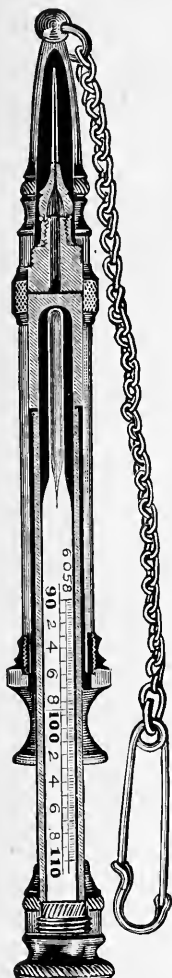
A-704



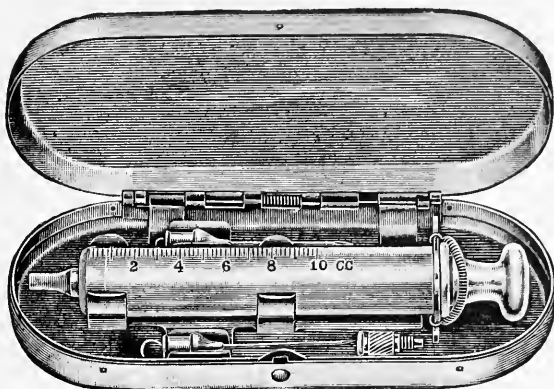
A-706

Antitoxin and Hypodermic Syringes

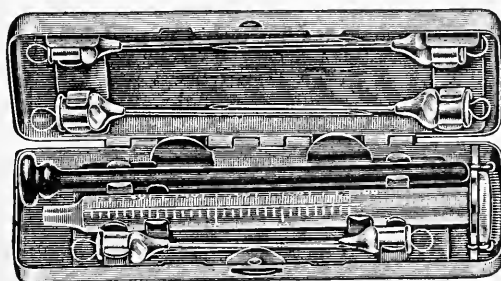
- A-685 All glass, with eccentric Luer tip, 2 cc., 5 cc., 10 cc., 20 cc., 30 cc., 50 cc., 100 cc.
- A-687 All glass, **Barthelemy's**, gray oil, $\frac{1}{2}$ cc., graduated in $\frac{1}{40}$ cc. and mns.
- *A-689 All glass, mercurial oil, graduated in $\frac{1}{100}$ cc. and mns. $\frac{3}{4}$ cc.
- *A-691 All glass, precision, graduated in $\frac{1}{20}$ cc. and mns. $1\frac{1}{2}$ cc. and 2 cc.
- A-693 All glass, tuberculin, graduated in $\frac{1}{100}$ cc. and mns. $\frac{1}{4}$ cc., $\frac{1}{2}$ cc., 1 cc.
- A-700 Record Precision Syringes only, 1 cc., 2 cc., 5 cc., 10 cc., 20 cc., 30 cc.
- *A-702 Record Precision Syringes, in metal cases, with 2 needles, 1 cc., 2 cc., 5 cc., 10 cc., 20 cc., 30 cc.
- A-704 Record Precision Syringe only, tuberculin, $\frac{1}{2}$ cc. and 1 cc., or in metal cases.
- A-706 Record Precision Syringe Set, in fine metal case, containing 5 syringes, 1 cc., 2 cc., 5 cc., 10 cc., 20 cc., and 20 assorted needles.



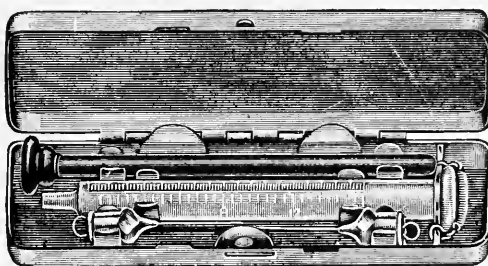
A-710



A-715



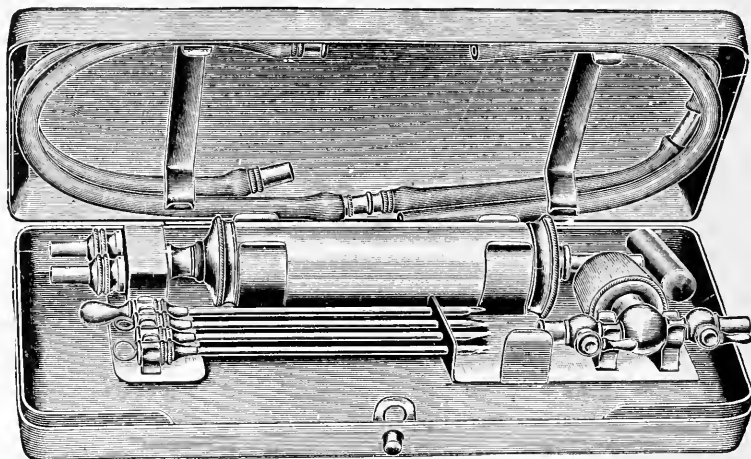
A-725



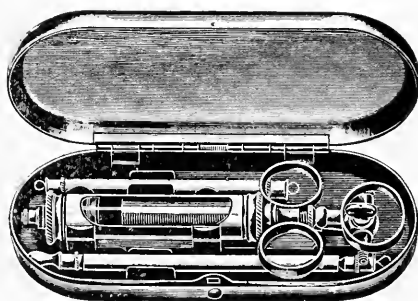
A-735

Antitoxin and Hypodermic Syringes in Cases

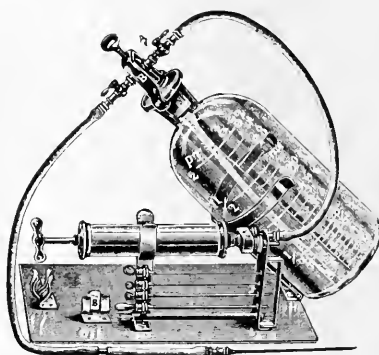
- A-710 Hypodermic Syringe, with gold needle and 1 minute thermometer.
- A-715 Antitoxin, all glass, with two needles, in metal case, 5 cc., 10 cc., 20 cc., 30 cc.
- *A-720 Gray oil, **Barthelemy's**, all glass, graduated in mns. and $\frac{1}{40}$ cc., with 2 needles, in metal case, $\frac{1}{2}$ cc. capacity.
- A-725 Mercurial oils, all glass, graduated in mns. and $\frac{1}{100}$ cc., with 6 needles, in metal case, $\frac{3}{4}$ cc. capacity.
- *A-730 Precision Syringes, all glass, graduated in mns. and $\frac{1}{20}$ cc., with 2 needles, in metal case, $\frac{1}{2}$ cc. and 2 cc. capacity.
- A-735 Tuberculin, **Fornier's**, all glass, graduated in mns. and $\frac{1}{100}$ cc., with 2 needles, in metal case, $\frac{1}{4}$ cc., $\frac{1}{2}$ cc., 1 cc. capacity.



A-756-757



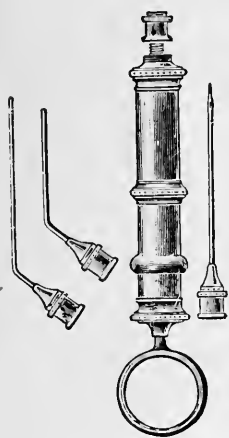
A-753-754



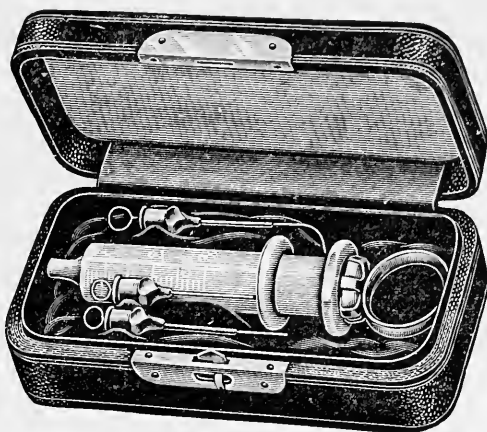
A-765-766

Aspirating Syringes

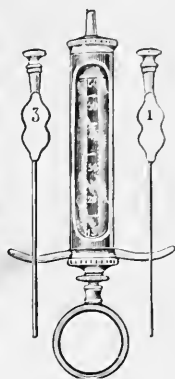
- *A-750 Pocket Aspirator, 3 drachm, glass and metal, 3 needles, trocar and two-way stopcock, in leather case.
- *A-751 Pocket Aspirator, same as above, but with all metal syringe.
- A-753 Pocket Aspirator, 3 drachm, glass and metal, 3 needles, trocar and two-way stopcock, in metal case.
- A-754 Pocket Aspirator, same as above, but with all metal syringe.
- A-756 **Potain's** Aspirator, with leather plunger, in metal case.
- A-757 **Potain's** Aspirator, with metal plunger, in metal case.
- *A-759 **Potain's** Aspirator, with metal plunger, set of 3 extra trocars, canulae, obdurators with stuffing boxes and stopcocks.
- A-765 **Potain's** Aspirator, Haslam's as shown, pump with leather plunger, complete in case.
- A-766 **Potain's** Aspirator as above, pump with metal plunger.



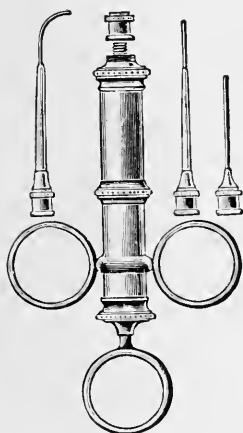
A-780



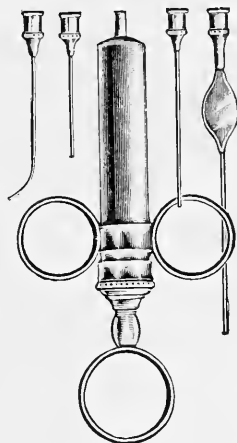
A-786



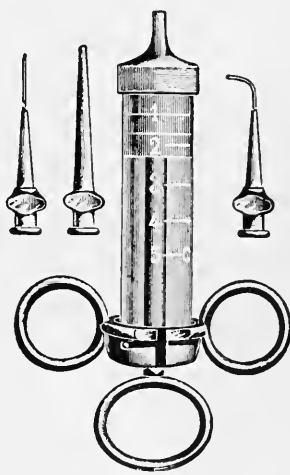
A-784



A-782



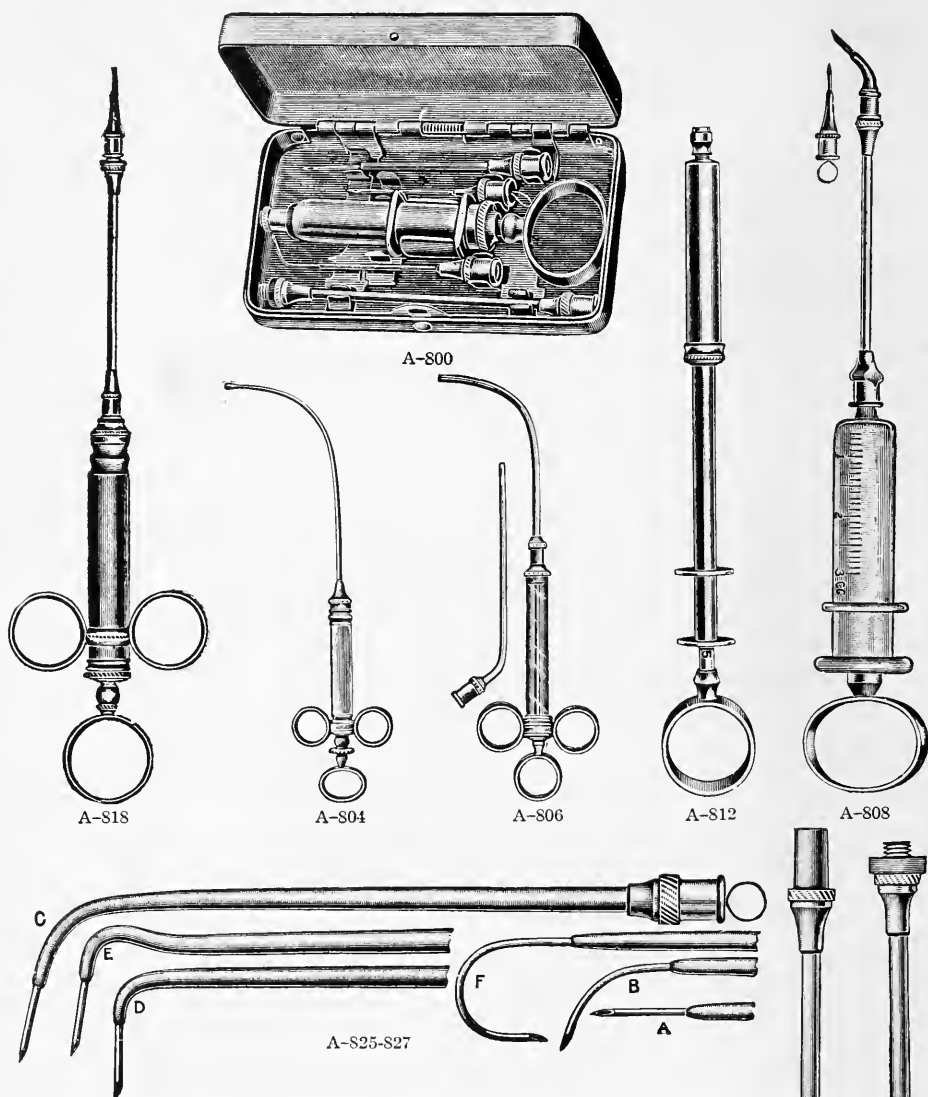
A-788



A-790

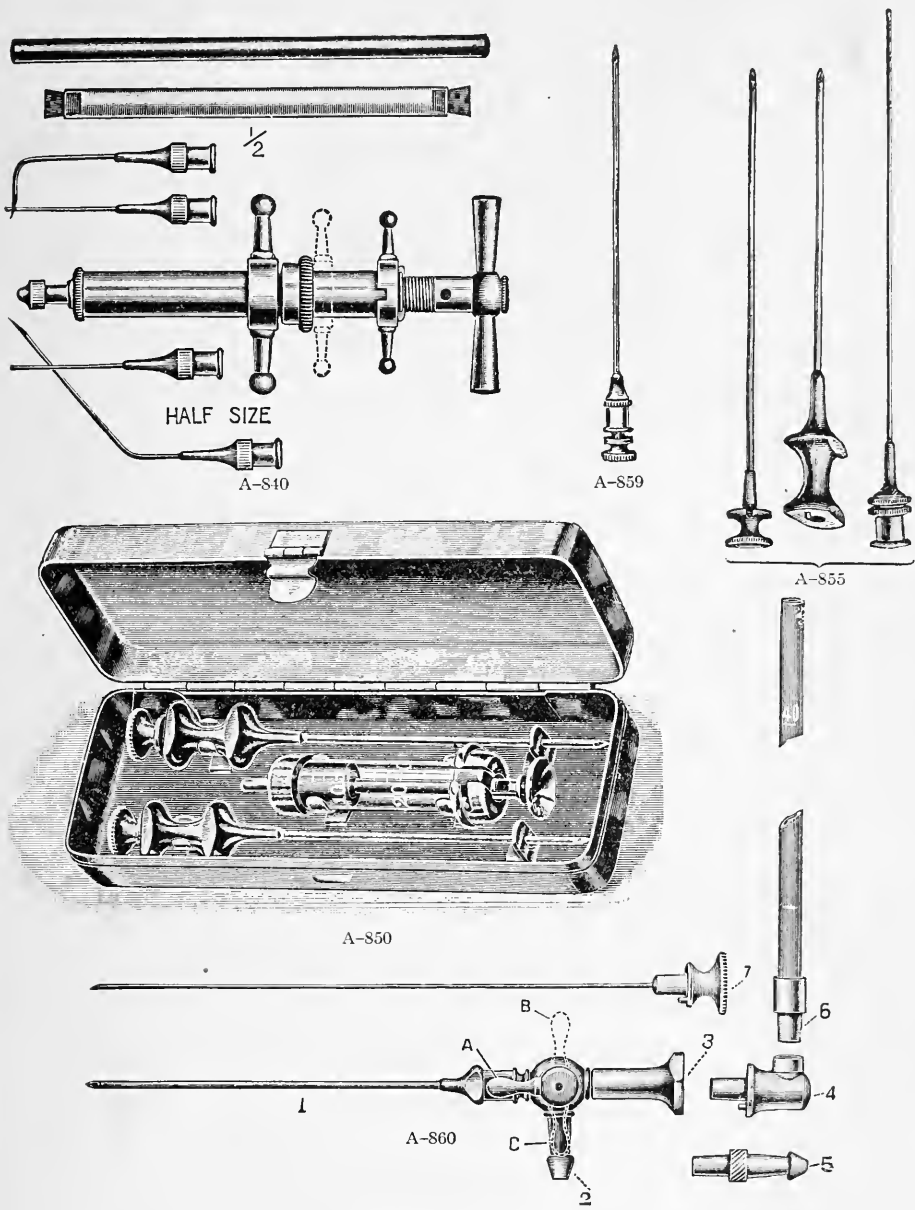
Lachrymal Syringes

- A-780 **Agnew's**, all metal, with 1 hypo and 2 silver canulae, in case.
- *A-781 **Colton's**, with lachrymal canula only.
- A-782 **Anel's**, all metal, with 3 silver canulae, in case.
- A-784 **De Schweinitz**, glass and metal, with 2 silver canulae, in case.
- A-786 **Luer's**, all glass, with 3 gold canulae, in case.
- A-788 **Risley's**, all metal, with 4 silver canulae, in case.
- A-790 **Record**, glass and metal, with 3 canulae, in case.
- *A-792 **Will's**, eye hospital, all metal, with 3 silver canulae, in case.
- *A-794 **Ziegler's**, all glass, with 3 gold canulae, in case.



Laryngeal and Tonsil Syringes

- A-800 All metal, with straight and curved needle, and extension, in metal case.
- A-804 **Cube's**, all metal with one laryngeal canula.
- A-806 **Fraenkel's**, glass and metal with 2 laryngeal canulae.
- A-808 **Luer's**, all glass, with 2 needles and extension, in case.
- *A-809 **Luer's**, all glass, syringe only.
- A-812 **Pynchon-Goddard's**, all metal, with straight and curved needle, in case.
- *A-814 Record, with one laryngeal canula.
- *A-816 Record-Alexander, with 7 assorted tonsil points, in case.
- A-818 **Street's**, all metal, with straight and curved needle, and extension 30 mms. and 2 drachms.
- *A-820 **Tobold's**, glass and metal, with one laryngeal canula.
- A-825 Tonsil needle, Horton's, with standard thread, Fig. F
- A-827 Tonsil needles, Vail's, Fig. A. B. C. D. E.
- A-830 Tonsil syringe extension, for standard thread or Luer tip.

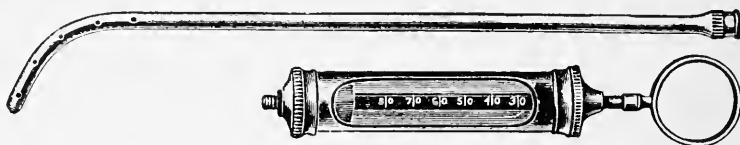


Paraffin Syringes

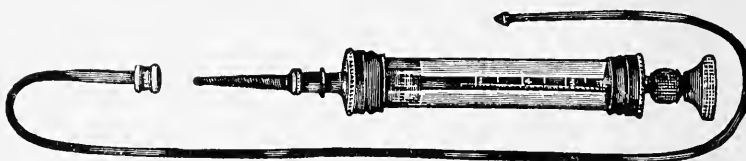
- A-840 Beck's, original, with 4 needles and 4 tubes of paraffin, in oak case.
- *A-842 Harmon Smith's, with 2 needles, in case.
- *A-843 Harmon Smith's sterile paraffin, melting point 110-F., in glass tube.
- *A-845 Onidi's, with 4 needles and 6 tubes of paraffin, in oak case.

Spinal Anaesthesia Syringes, Trocar Needles and Canulae

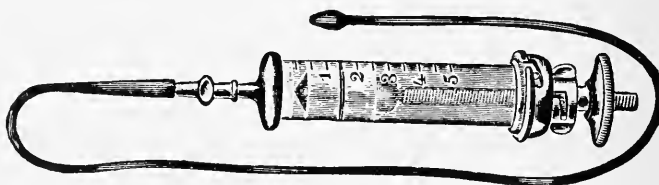
- A-850 Bier's-Record, 2 cc. with 2 long steel needles, in metal case.
- A-855 Barker's trocar needle and nickel canula to fit Luer or Record syringes.
- *A-857 Bier's trocar needle.
- A-859 Quincke's trocar needle, to fit Luer syringe.
- A-860 Wolfsohn's lumbar puncture needle, with stop cock, with or without manometer.



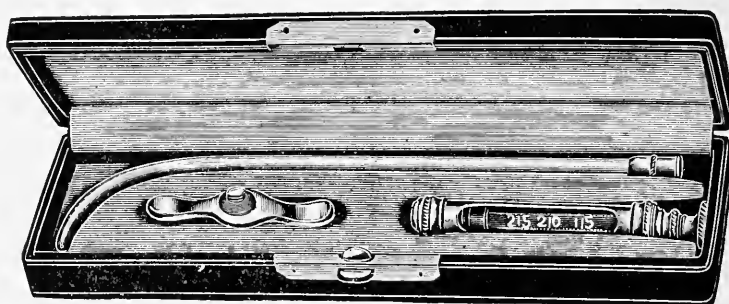
A-880



A-885



A-890



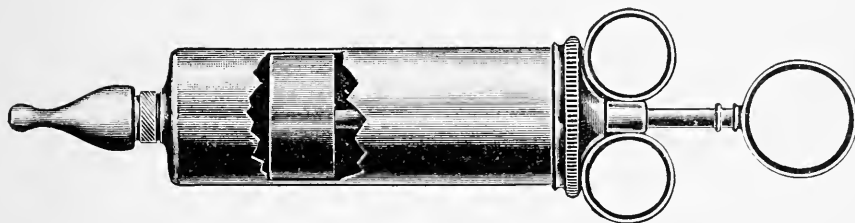
A-898-900

Urethral Syringes

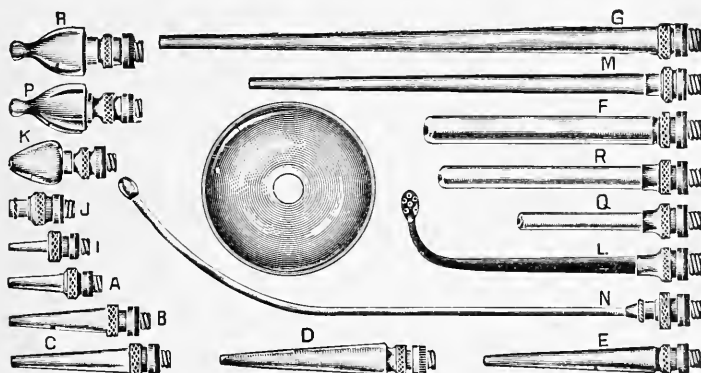
- A-880 **Bumstead's**, glass and metal, with canula.
- A-885 **Guyon's**, with 1 drop tube, in case.
- A-890 **Guyon-Record**, with 1 drop tube, in metal case.
- *A-895 **Keyes-Ultzmann's**, all glass, plated tube, with or without case.
- *A-896 **Keyes-Ultzmann's**, all glass, silver tube, with or without case.
- A-898 **Keyes-Ultzmann's**, glass and metal, or all metal, plated tube, with or without case.
- A-900 **Keyes-Ultzmann's**, glass and metal, or all metal, silver tube, with or without case.



A-920



A-930



A-935

Uterine Syringes

A-920 **Braun's**, glass and metal, with intra uterine canula.

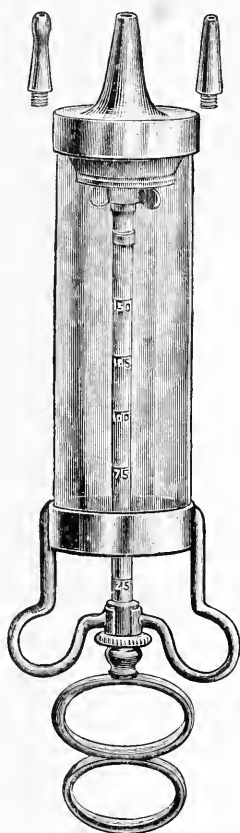
*A-921 **Braun's-Record**, 2 cc. and 5 cc. with intra uterine canula.

Syringes and Tips for Injecting all Cavities

A-930 All metal syringes only, $\frac{1}{4}$, $\frac{1}{2}$, 1, 2, 3, 4, 6 and 8 ounce.

A-935 All metal tips, to fit the above syringes, A to W.

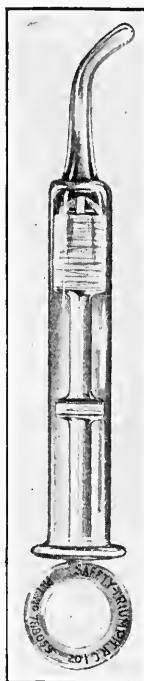
A-935 All metal shield, to fit the above syringes.



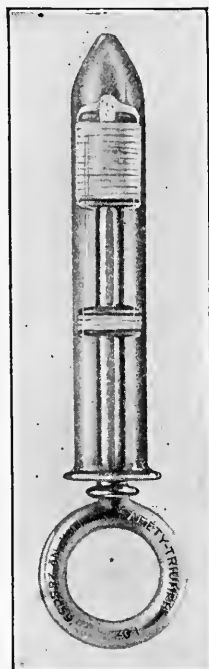
A-950



A-960



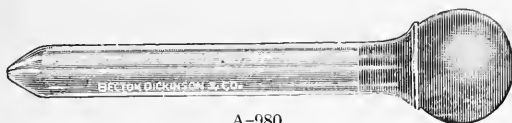
A-961



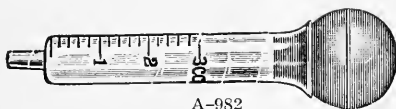
A-963

Syringes for Bladder, Bismuth Paste and General Injections

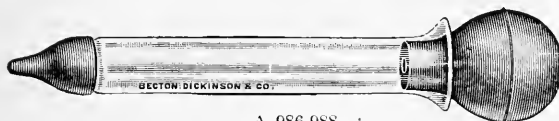
- A-950 **Janet-Frank's** Bladder, with 2 tips, 30 cc., 50 cc., 100 cc., 150 cc., 200 cc.
- A-960 **Safety-Triumph**, Cavity, glass syringes with mineral packing, straight point, $\frac{1}{2}$, 1, $1\frac{1}{2}$, 2, 3 and 4 ounce.
- A-961 **Safety-Triumph**, Cavity, glass syringes with mineral packing, curved point, 1 and 2 ounce.
- A-963 **Safety-Triumph**, Superficial, glass syringes with mineral packing, straight point, 1, 2, 3 and 4 ounce.
- *A-964 **Safety-Triumph**, Superficial, glass syringes with mineral packing, curved point, 1 and 2 ounce.



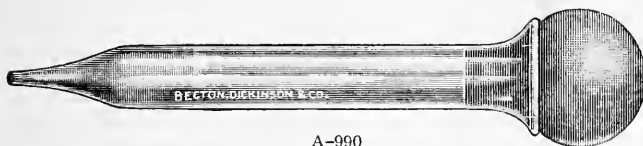
A-980



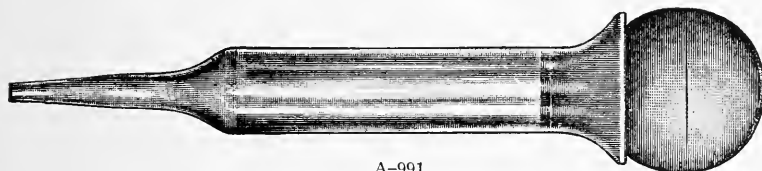
A-982



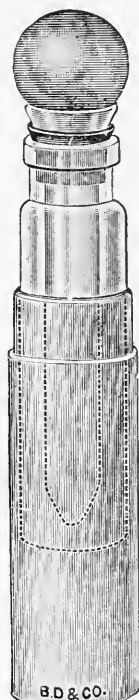
A-986-988



A-990



A-991

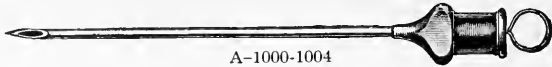


A-984

Syringes, Plungerless, for General Injections

- A-980 **Asepto**, Cone tip, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$ and 1 ounce.
- A-982 **Asepto**, Luer tip, graduated, 3 cc. capacity.
- A-984 **Asepto**, Patient's, in wooden box, $\frac{1}{8}$ and $\frac{1}{4}$ ounce.
- A-986 **Asepto**, Soft rubber tip, $\frac{1}{8}$, $\frac{1}{4}$ and $\frac{1}{2}$ ounce.
- A-988 **Asepto**, Soft rubber tip, for ear work, 1 and $1\frac{1}{2}$ ounce.
- A-990 **Asepto**, Wound and general office work, $\frac{1}{2}$ ounce.
- A-991 **Asepto**, Wound and general hospital work, 1 and $1\frac{1}{2}$ ounce.

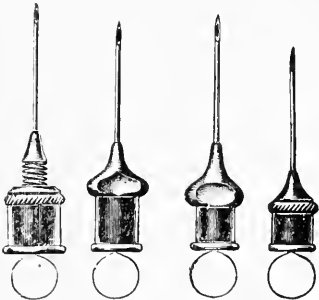
STANDARD SURGICAL INSTRUMENTS



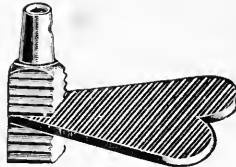
A-1000-1004



A-1006



A-1010 A-1012 A-1014 A-1016



A-1040



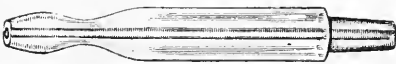
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A-1045



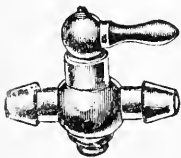
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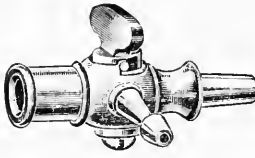
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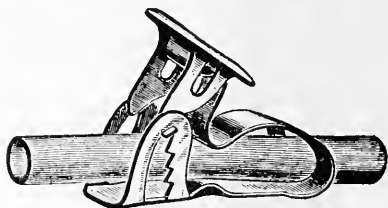
A-1052



A-1054



A-1055



A-1060

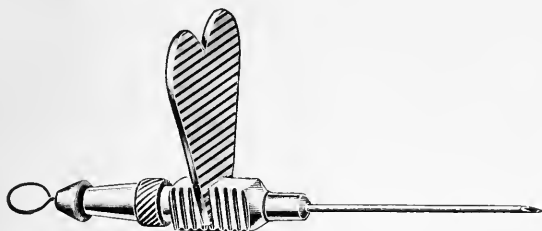
Antitoxin, Aspirating and Hypodermic Needle

		GAUGE
A-1000	Antitoxin, with Luer or with standard thread hub.....	19 to 22
A-1004	Aspirating, with Luer or with standard thread hub.....	15 to 18
A-1006	Aspirating, Potain's	13 to 17
A-1010	Hypodermic, for glass threaded or Sub-Q tip.....	23 to 27
A-1012	Hypodermic, with Luer hub.....	23 to 28
A-1014	Hypodermic, with Record hub.....	23 to 27
A-1016	Hypodermic, with standard thread hub.....	23 to 28

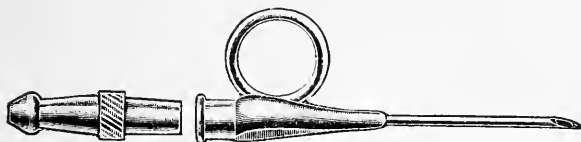
For Lengths see Price List

Adapters, Connections, Holders and Stopcocks

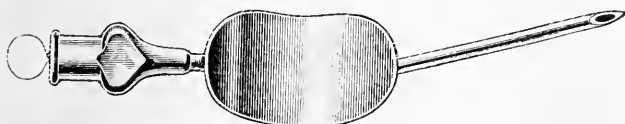
A-1040	Adapter, Fordyce's .
A-1044	Adapter, Luer hub, with standard thread.
A-1045	Adapter, standard thread hub, with Luer tip.
A-1047	Connection, male and female.
A-1049	Connection, glass, Luer observation tube.
A-1052	Holder, Swift's , for large gauge needles.
A-1054	Stopcock, two way, with tubing connections.
A-1055	Stopcock, three way, to fit Luer needles and syringes.
*A-1056	Stopcock, three way, with tubing connections.
A-1060	Tubing cut-off, Daval's .



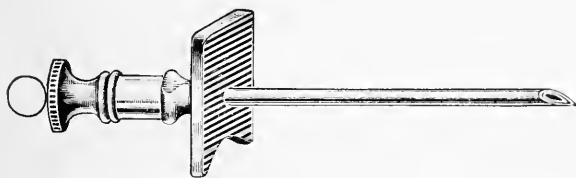
A-1075



A-1080



A-1082



A-1085



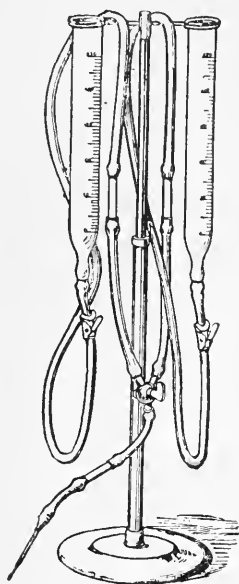
A-1087



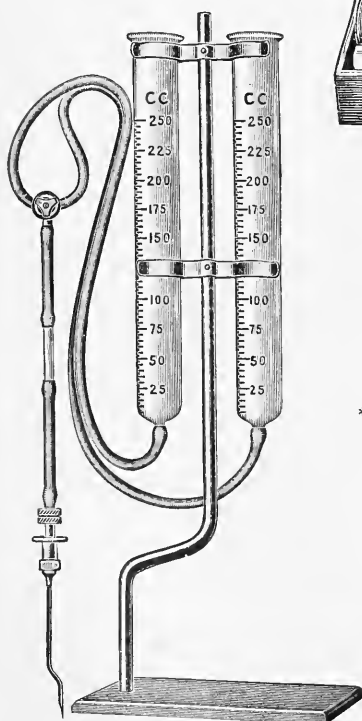
A-1090

Haemorrhoidal, Hernia, Transfusion and Salvarsan Needles

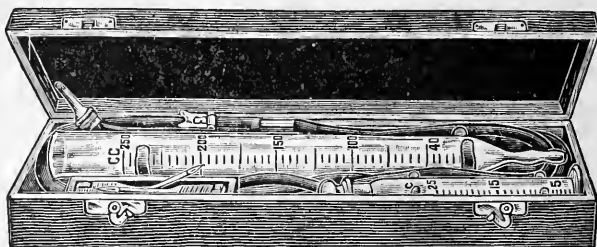
- A-1075 **Fordyce's** salvarsan, with tubing connection, $1\frac{1}{4}$ inches, No. 20 gauge.
- A-1080 **Graeser's** salvarsan, with tubing connection, 1 inch, No. 22 gauge.
- A-1082 Haemorrhoidal or Hernia, with adjustable sleeve.
- *A-1084 **Kaliski's** transfusion, trocar point, 2 inches, 18 gauge; $2\frac{1}{4}$ inches, 15 gauge; $2\frac{1}{2}$ inches, 13 gauge.
- A-1085 **Kaliski's** transfusion, with canula stylet, $1\frac{7}{8}$ inches, 15 and 18 gauge.
- A-1087 **Lindeman's** transfusion needle and trocar.
- A-1089 **Schreiber's** salvarsan, $1\frac{1}{4}$ inches, 18 and 20 gauge.
- *A-1090 **Schreiber's** improved salvarsan, with vertical finger hold.
- *A-1095 Tubing connection only for salvarsan needles.



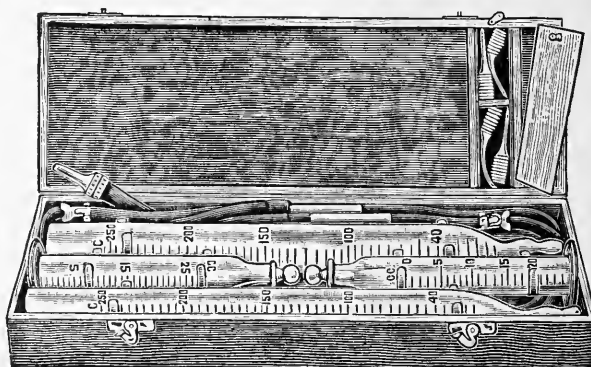
A-1125



A-1128



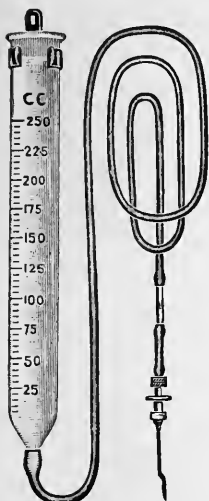
A-1132



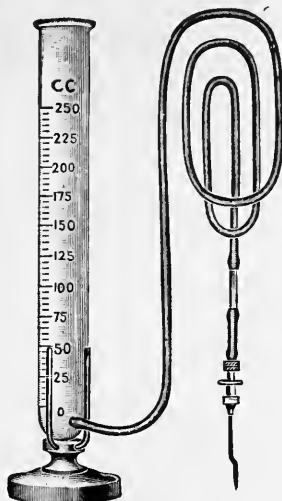
A-1133

Salvarsan Outfits

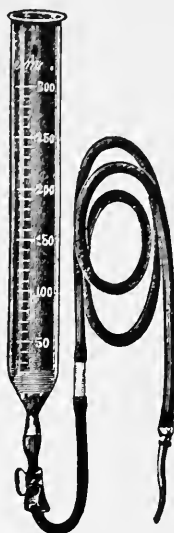
- A-1125 **Boehm's**, with telescoping stand, complete as shown.
- *A-1126 **Boehm's**, original, with Boehm's stopcock, complete, with 2 needles.
- A-1128 **Cayo's**, with 3-way stop cock, complete as shown.
- A-1132 **Daland's**, single, in oak case.
- A-1133 **Daland's**, double, in oak case.



A-1150



A-1152



A-1156

Salvarsan and Arsphenamine Outfits

*A-1130 Graduated Cylinder only, 250 cc.

*A-1135 Graduated Measuring and Mixing Jars, 5, 10, 25, 50, 100, 150, 250, 500, 1000 and 2000 cc.

*A-1140 **Kaufman's** Arsphenamine Outfit, complete with hanging cylinder, tubing, Kaufman-Luer syringe and 2 needles, $\frac{5}{8}$ inch, 20 gauge.

A-1141 **Kaufman-Luer** Syringe only.

*A-1145 **McGurn's** Apparatus, double, with filter (send for descriptive circular).

A-1150 Plain Apparatus, with hanging cylinder, complete as shown.

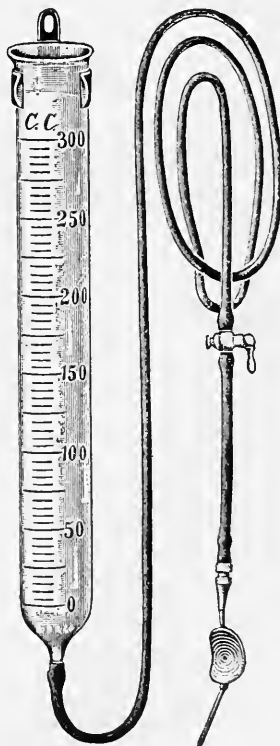
A-1152 Plain Apparatus, with cylinder on stand, complete as shown.

A-1154 Plain Apparatus, with Schreiber's needle, complete as shown.

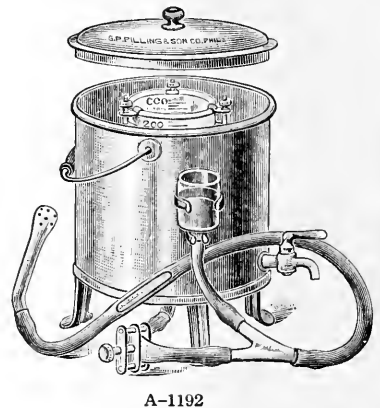
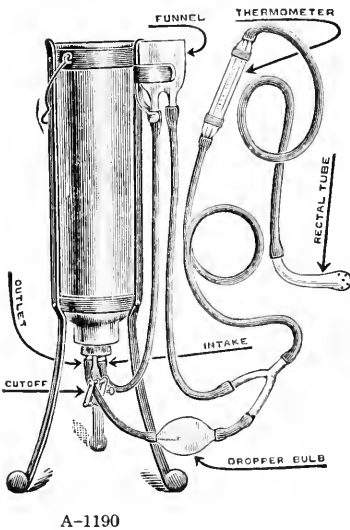
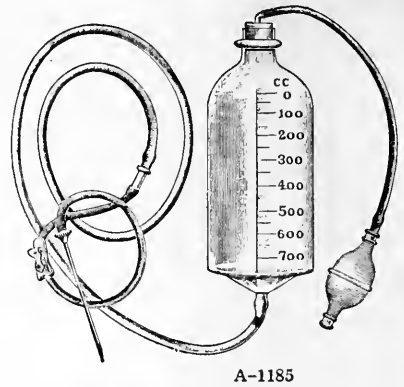
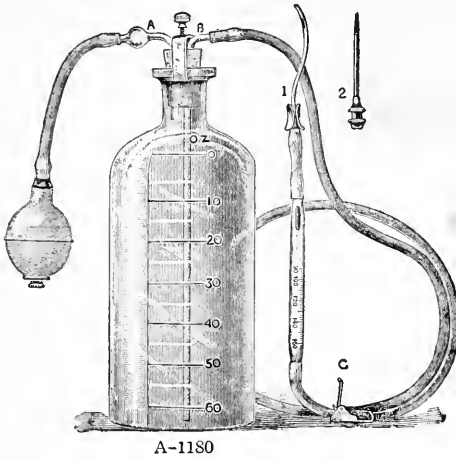
A-1156 Plain Apparatus, with intravenous canula, complete as shown.



A-1141

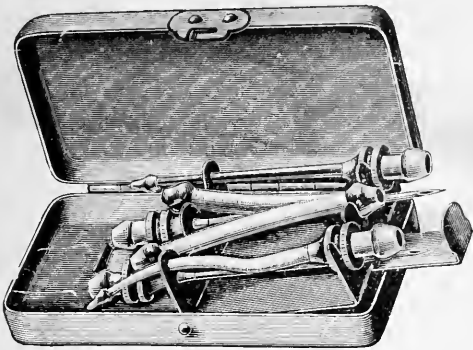


A-1154



Infusion Apparatus, Saline

- A-1180 **Fowler's**, complete as shown.
- A-1185 **Kelly's**, complete as shown.
- A-1190 **Murphy-Magnuson**, complete as shown.
- A-1192 **Murphy-Saxon**, complete as shown.



A-1200



A-1220



A-1222



A-1235



A-1226



A-1225



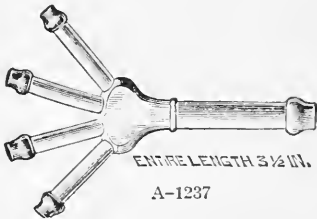
A-1230



A-1231



A-1233



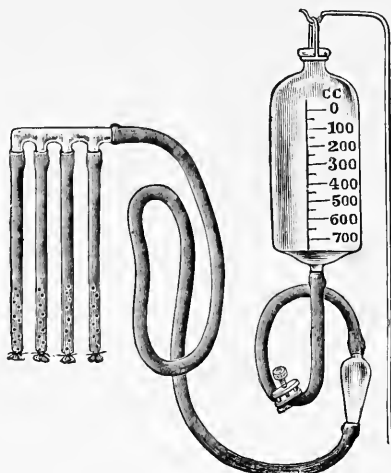
ENTIRE LENGTH 3 1/2 IN.
A-1237

Infusion Apparatus, Saline

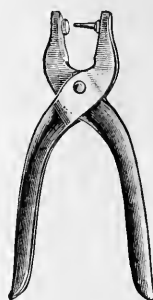
- A-1200 Webster's, small, in case.
*A-1201 Webster's, large, complete, with rubber tubing, in metal case.

Instruments for Saline Infusion

- A-1220 Infusion Drop Tube, **Murphy's**, complete.
A-1222 Infusion Drop Tube only, **Murphy's**.
*A-1224 Infusion Needle, **Webster's**, fine.
*A-1225 Infusion Needle, **Webster's**, medium.
A-1226 Infusion Needle, **Webster's**, large.
A-1228 Infusion Tube, **Fowler's**, intravenous.
A-1230 Infusion Tube, **Webster's**, intravenous, straight, glass or metal.
A-1231 Infusion Tube, **Webster's**, intravenous, curved, glass or metal.
A-1233 Infusion Thermometer, to show salt solution temperature.
A-1235 Infusion Y, metal or glass, 2 outlets.
A-1237 Infusion Y, **Hasbrook's**, metal, 4 outlets.



A-1250



A-1251



A-1270



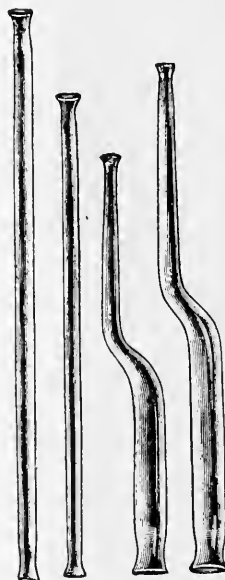
A-1272



A-1276



A-1278



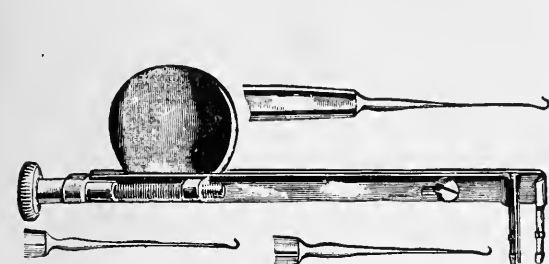
A-1274

Infusion Apparatus, Sterile Solution

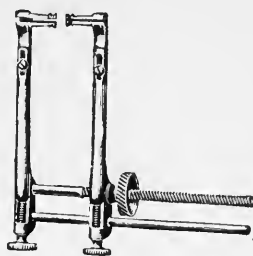
- A-1250 Carrell's, for Dakin solution.
A-1251 Punch for Carrell's infusion apparatus.

Transfusion Instruments, Blood

- A-1270 Canula, Aveling's, Bellevue Hospital, with stopcock.
A-1272 Canula, Bernheim's.
A-1274 Canulae, Brewer's, glass, set of 4.
A-1276 Canulae, Carrell's, gold, 3 sizes, 2, 2½ and 3 mm.
A-1278 Canulae, Crile's, silver, set of 4, in case (shown full size).



A-1280



A-1282



A-1288



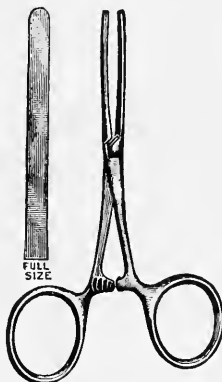
A-1294



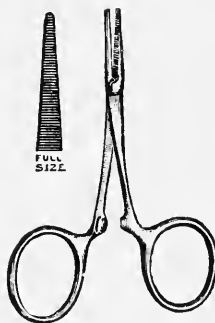
A-1310



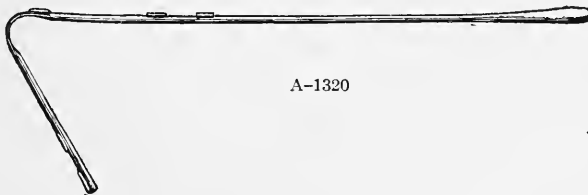
A-1308



A-1312



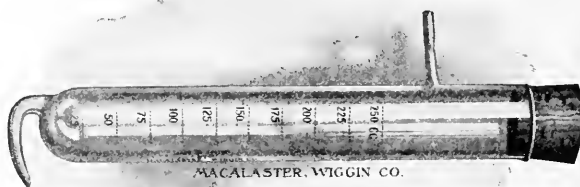
A-1314



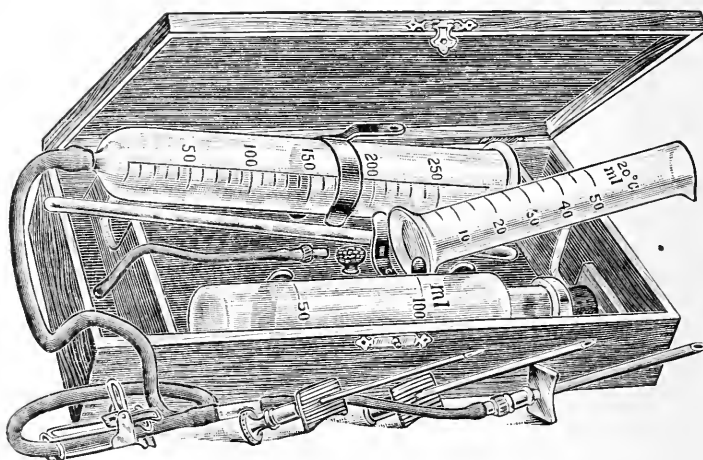
A-1320

Transfusion Instruments, Blood

- A-1280 Canula, **Elsberg's**, with 3 tenacula, in case.
- A-1282 Canula, **Jeger-Elsberg's**.
- A-1288 Clamp, **Crile's**, carotid, $4\frac{3}{4}$ inches, curved.
- *A-1290 Clamp, **Criles's**, carotid, 3 inches.
- A-1294 Dilator, **Carrell's** vein.
- *A-1298 Director, **Goodwin's** vein.
- A-1308 Forceps, **Bernheimer's** introducing, ball pointed.
- A-1310 Forceps, **Crile's** haemostatic, for picking up vessel.
- A-1312 Forceps, **Carrell's** haemostatic, 4 inches, smooth jaw.
- A-1314 Forceps, **Carrell's** haemostatic, $3\frac{1}{4}$ inches, serrated jaw.
- A-1320 Staff, **Horsley's**, for vein anastomosis.



A-1340-1341

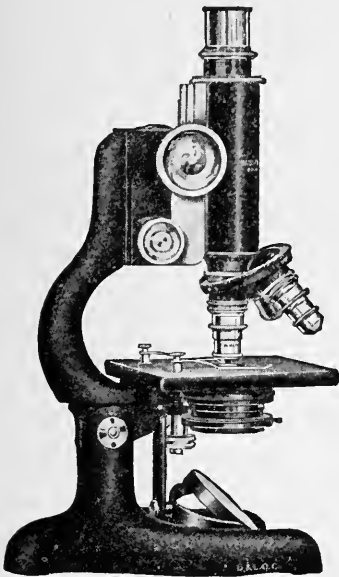


A-1345

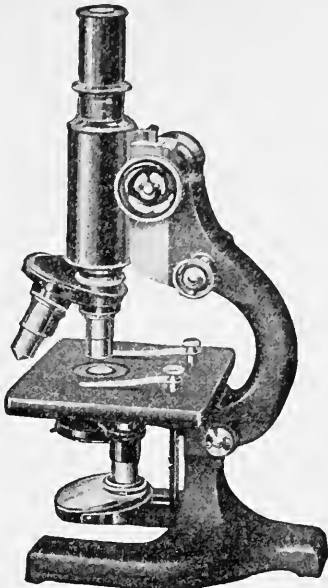
Transfusion Apparatus, Blood

- A-1340 **Kimpton-Brown's**, small, complete, including needle.
- A-1341 **Kimpton-Brown's**, large, complete, including needle.
- A-1345 **Lewisohn's**, complete, in case, including 1 each improved Kaliski canula, 13 gauge and 15 gauge; 1 Kaliski trocar needle, 3 glass containers as shown, 2 each Luer adapters, rubber tubing, cut-off, etc.

NOTE: With this outfit a 500 cc. graduated jar should be used. This jar is not furnished with the outfit. Its size would necessitate too large a case.



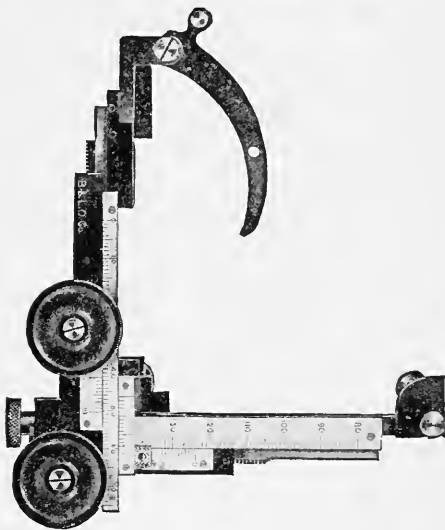
A-1380



A-1384



A-1382

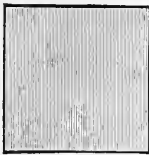


A-1390

Microscopes

		Abbey Condensor	Nose Piece	Objectives Equivalent Focus mm.	Oculars
A-1380	Bausch & Lomb, FFS-S....	N. A. 1.20	Triple	16, 4, { 1.9 mm. Oil Imm.	5X 10X
A-1382	E. Leitz, L-10.....	N. A. 1.20	Triple	16, 4, { 1.8 mm. Oil Imm.	6X 10X
A-1384	Spencer, 44-H.....	N. A. 1.20	Triple	16, 4, { 1.8 mm. Oil Imm.	6X 10X
A-1390	Bausch & Lomb, mechanical stage, attachable, Model B.				
*A-1392	E. Leitz, mechanical stage, attachable, for above microscope.				
A-1394	Spencer, mechanical stage, attachable, No. 490.				

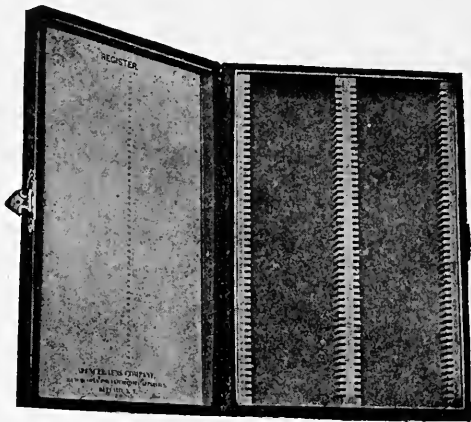
Complete catalogues of Bausch & Lomb, Leitz and Spencer Microscopes and accessories sent on request.



A-1420-1422



A-1424-1426



A-1500



A-1505

Cover Glasses and Slides

Best White Glass. Uniform in Thickness

Catalogue No.	Shape	Thickness	Dimensions
A-1420	Squares	No. 1—0.13 to 0.17 mm.	15, 18, 22 or 25 mm.
A-1422	Squares	No. 2—0.17 to 0.25 mm.	15, 18, 22 or 25 mm.
A-1424	Circles	No. 1—0.13 to 0.17 mm.	15, 18, 22 or 25 mm.
A-1426	Circles	No. 2—0.17 to 0.25 mm.	15, 18, 22 or 25 mm.

Rectangular Cover Glasses

- *A-1440 Rectangular Cover Glasses, No. 1. All sizes.
- *A-1445 Rectangular Cover Glasses, No. 2. All sizes.

Slides—Best White Glass

- *A-1460 Slides, 75 x 25 mm. (3 x 1 inches) medium thickness.
- *A-1462 Slides, 75 x 25 mm. (3 x 1 inches) extra thin.
- *A-1464 Slides, 44 x 25 mm. (1 3/8 x 1 inches) medium thickness.
- *A-1466 Slides, 50 x 20 mm. (2 x 1 inches) medium thickness.
- *A-1468 Slides, 75 x 38 mm. (3 x 1 1/2 inches) medium thickness.
- *A-1470 Slides, 75 x 50 mm. (3 x 2 inches) medium thickness.
- *A-1472 Slides, 75 x 25 mm. (3 x 1 inches) concave centers.
- *A-1474 Slides, 75 x 25 mm. (3 x 1 inches) drop culture.
Cavity 16 mm. diameter and 2 mm deep.



A-1540

Slide Boxes

- A-1500 Slide Boxes, grooved to hold 100 objects, hinged and cloth covered.
- A-1505 Slide Boxes, white wood, grooved to hold 25 objects, numbered and indexed.
- *A-1520 Slide Mailing Cases, tops, middles or bottoms.
- A-1540 Section Razor, flat and hollow ground blade, metal handle.

Dry Stains for Use in Microscopy

A-1600	Azur I.	A-1620	Gentian Violet, Harmer.
A-1601	Azur II.	A-1622	Gentian Violet, Heyl.
A-1602	Azur II, Eosin.	A-1630	Haematoxylin or c. p., white crystals, Heyl.
A-1608	Fuchsin, Acid, Harmer, also suitable as Andrade indicator in preparation of culture media.	A-1635	Jenner's dry stain.
A-1610	Fuchsin, Acid, Heyl.	A-1650	Methylene Blue, for bacilli.
A-1612	Fuchsin, Basic, R. F. N. Heyl.	A-1655	Methylene Blue, rectified.
A-1614	Fuchsin, Basic, Harmer, for bacilli.	A-1680	Wright's Dry Stain, powdered, in ampoules containing 0.1 gram.

Stains in Solution

A-1700	Carbol Fuchsin, Ziehl-Nielson.	A-1724	Methylene Blue, Eosinated, Jenner.
A-1710	Gentian Violet, 2 per cent alcoholic.	A-1726	Methylene Blue, Eosinated, Wright.
A-1712	Gentian Violet, 1 per cent aqueous.	A-1728	Methylene Blue, Loeffler.
A-1714	Gentian Violet, Gram.	A-1750	Polychrome Methylene Blue, Gold-horn.
A-1720	Methylene Blue, acid, Gabbett.	A-1760	Spirochaete Stain, Giemsa.
A-1722	Methylene Blue, Eosinated, Hasting.	A-1770	Toisson Blood Solution.

Mounting and Finishing Materials

A-1800	Balsam, Canada, in 20 cc. collapsible tubes.	A-1802	Balsam, Canada, dissolved in Xylol in 20 cc tubes.
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Embedding Media

A-1810	Histoloid, in shreds in 1 oz. bottles.	A-1820	Parlodion (purest shredded concentrated collodion) in 1 oz. bottles.
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General Reagents

A-1830	Oil, Cedar, for immersion objectives.	A-1840	Oil, Cloves.
		A-1850	Xylol.

Special Stains furnished on request

Microscopic Instruments



A-1900



A-1901



A-1902



A-1904



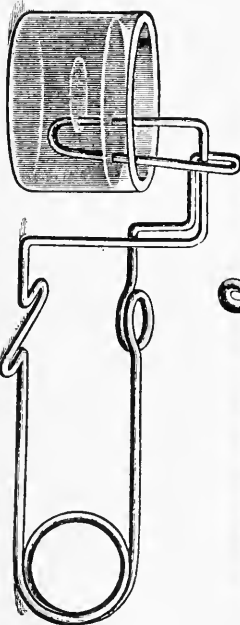
A-1906



A-1908



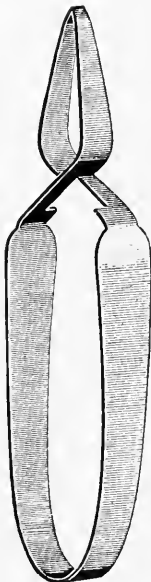
A-1912



A-1920



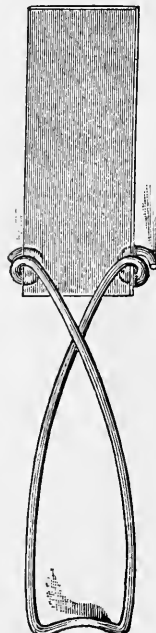
A-1916



A-1910



A-1918



A-1922

For description see next page



A-1926



A-1924



A-1928



A-1942



A-1936



A-1934

Microscopic Instruments

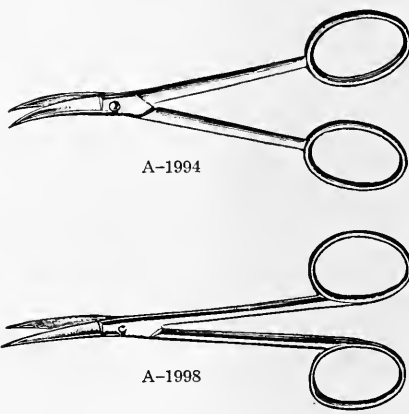
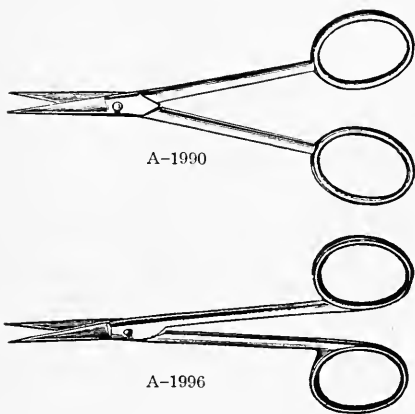
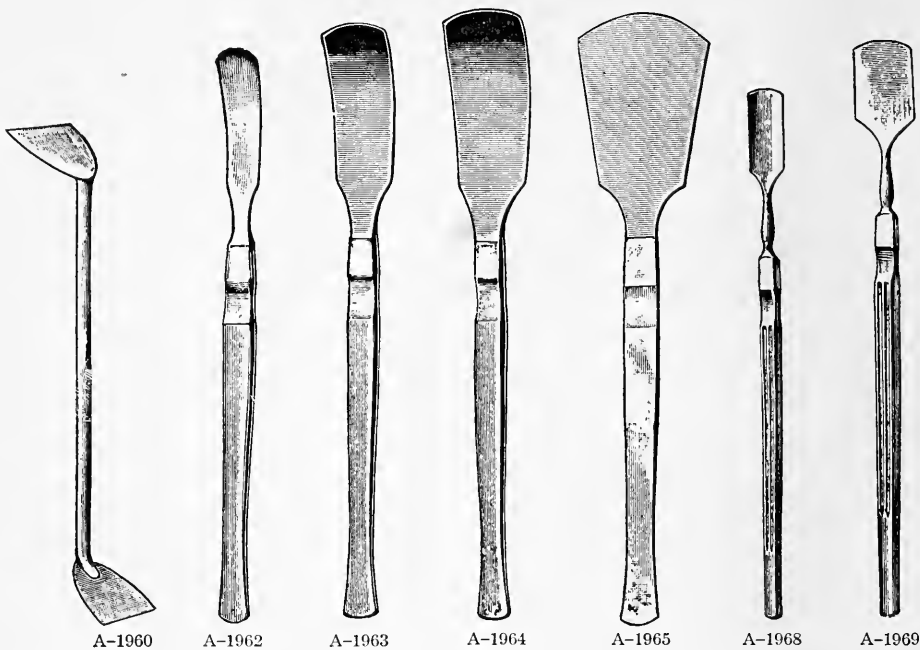


A-1932

- A-1900 Forceps, straight, fine, serrated points, $4\frac{1}{2}$ inch.
- A-1901 Forceps, curved, fine, serrated points, $4\frac{1}{4}$ inch.
- A-1902 Forceps, curved, fine, mouse tooth points, $4\frac{1}{4}$ inch.
- A-1904 Forceps, cover glass, straight, thin blades, 4 inch.
- A-1906 Forceps, cover glass, bent, thin blades, 4 inch.
- A-1908 Forceps, cover glass, bent, cross action, thin blades, 4 inch.
- A-1910 Forceps, cover glass, **Cornet's**.
- A-1912 Forceps, cover glass, **Novy's**, plain, $4\frac{1}{2}$ inch.
- *A-1914 Forceps, cover glass, **Novy's**, slide catch, $4\frac{1}{2}$ inch.
- A-1916 Forceps, cover glass, **Stewart's**, wire.
- A-1918 Forceps, cover glass, plain, wire.
- A-1920 Forceps, cover glass, **Kalteyer's**.
- A-1922 Forceps, slide, **Kirkbride's**, for staining.
- A-1924 Knife, scalpel, triangular shape, metal handle.
- A-1926 Knife, scalpel, bellied, metal handle.
- A-1928 Knife, triangular shape, single edge, metal handle.
- *A-1930 Knife, curved, probe pointed, metal handle.
- *A-1932 Knife, Lee's, triangular shape, metal handle.
- A-1934 Needle, spear point, double cutting edge, aluminum handle.
- A-1936 Needle, harpoon point, single cutting edge, aluminum handle.
- *A-1938 Needle, straight, fine, aluminum handle.
- *A-1940 Needle, curved, fine, aluminum handle.
- A-1942 Needle, hook shape, aluminum handle.
- *A-1944 Needle, bone handle, clamping.
- A-1946 Needle, bone handle, clamping, set of 3 needles.
- *A-1948 Needle, inoculating, platinum, glass handle, 4 cm., 8 cm.



B C D
A-1946

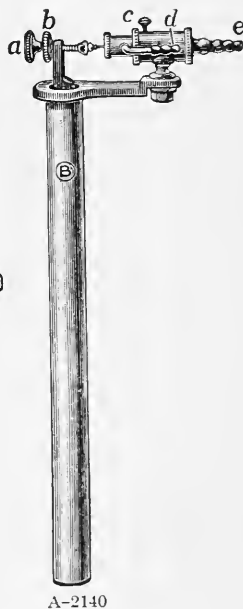
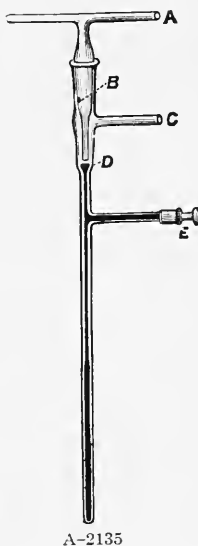
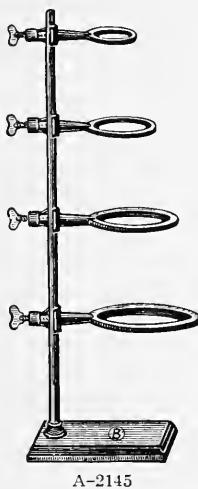
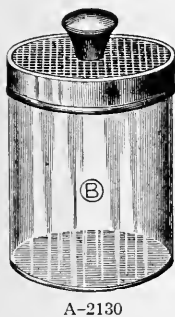
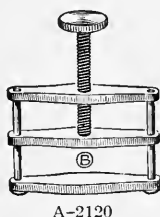
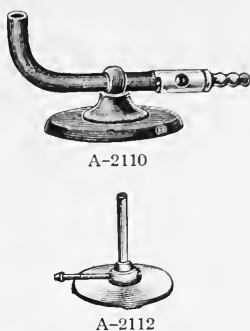
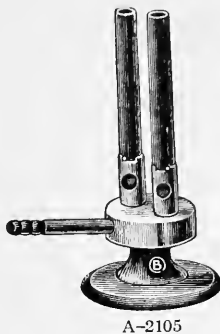
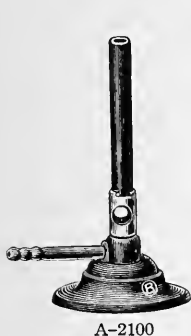


Microscopic Instruments

- | | | | |
|--------|--|--------|--|
| A-1960 | Section Lifter, plain, all metal, German silver blade. | A-1965 | Section Lifter, 1 3/4 inches wide. |
| A-1962 | Section Lifter, 3/8 inch wide. | A-1968 | Section Lifter, rigid blade, 3/8 inch wide. |
| A-1963 | Section Lifter, 3/4 inch wide. | A-1969 | Section Lifter, rigid blade, 9/16 inch wide. |
| A-1964 | Section Lifter, 1 inch wide. | | |

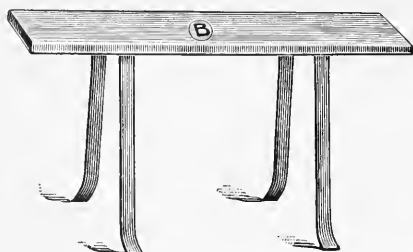
Microscopic Scissors

- | | | | |
|---------|------------------------------------|--------|---|
| A-1990 | Scissors, straight, slender. | A-1996 | Scissors, straight, dissecting, fine. |
| *A-1992 | Scissors, angular, slender. | A-1998 | Scissors, curved on flat, dissecting, fine. |
| A-1994 | Scissors, curved on flat, slender. | | |

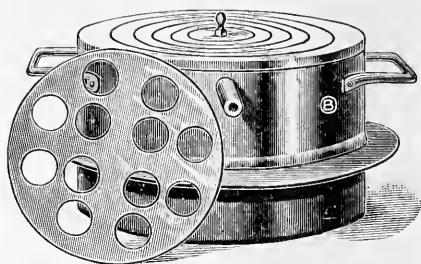


Laboratory Apparatus

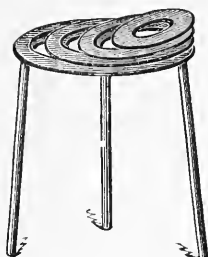
- A-2100 Burner, **Bunsen's**, 6 inches high, single tube.
- A-2105 Burner, **Bunsen's**, 6 inches high, 2, 3, 4 and 6 tubes.
- A-2110 Burner, **Bunsen's**, low form, 3 inches high.
- A-2112 Burner, **Bunsen's**, micro, 2 inches high.
- A-2115 Clamp, iron, for large objects.
- *A-2118 Clamp, iron, for burettes and small objects.
- A-2120 Clamp, **Hoffman's**, screw compressor, small and large.
- A-2122 Clamp, **Mohr's**, small and large.
- A-2130 Mouse Jar.
- A-2135 Regulator, **Reichert's** improved.
- A-2140 Regulator, **Roux's**, bi-metallic, all metal, small and large.
- A-2145 Support, rectangular base, with two or four rings.



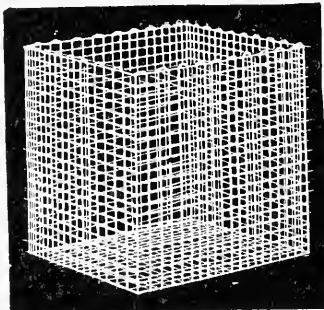
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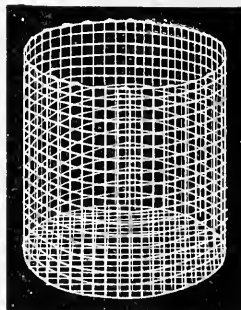
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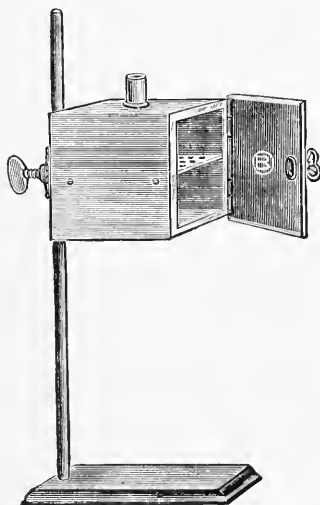
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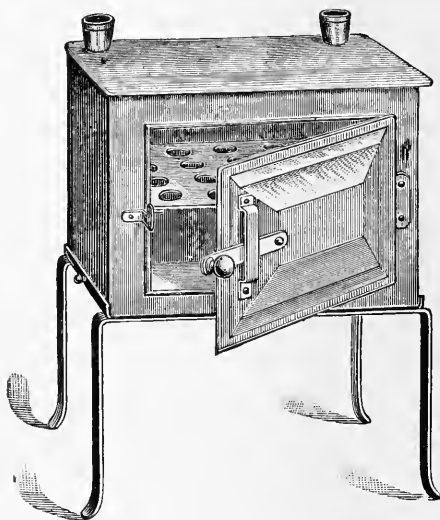
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A-2164



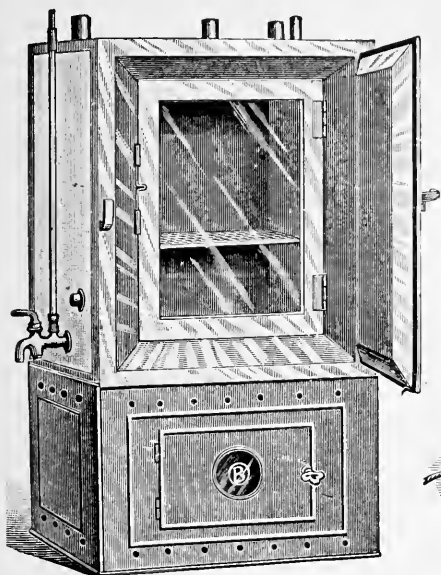
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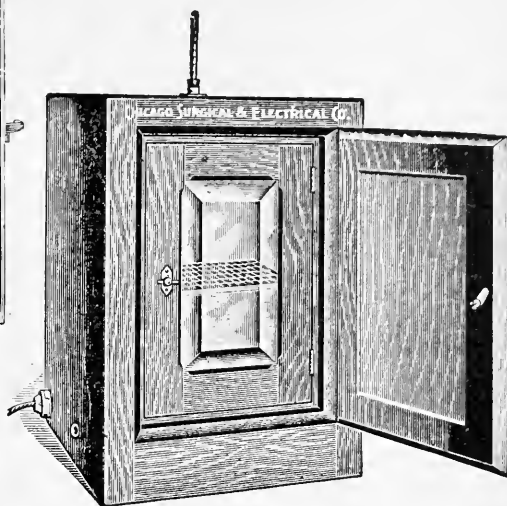
A-2182

Laboratory Apparatus

- A-2150 Tripod, iron, 8 inches high, 4, 5 and 6 ring.
- A-2155 Warming Plate, heavy copper supported on iron legs.
- A-2160 Water Bath, polished copper, tin lined, 5, 6 and 8 inches.
- A-2162 Wire Basket, for test tubes, square, 6 x 6 x 6 inches.
- A-2164 Wire Basket, for test tubes, round, 6 inches high, 6 inches diameter.
- A-2180 Drying Oven, for blood work, copper, 4 x 4 x 4 inches.
- A-2182 Drying Oven, double wall, copper, 6 x 8 inches, 1 shelf; 8 x 10 inches, 1 shelf; 10 x 12 inches, 2 shelves.



A-2200-2202



A-2208-2211

Laboratory Apparatus

- A-2200 Incubator, laboratory, inside dimensions, height 14 inches, width 12 inches, depth 10 inches.
- A-2201 Incubator, laboratory, inside dimensions, height 12 inches, width 9 inches, depth 9 inches.
- A-2202 Incubator, laboratory, inside dimensions, height 9 inches, width 7 inches, depth 7 inches.

Prices include thermometer, register and Bunsen burner.

- *A-2205 Incubator, physician's, inside measurements 8 x 9 inches.
- A-2208 Incubator, electric, No. 1, 9 x 7 x 7 inches.
- A-2209 Incubator, electric, No. 3, 12 x 9 x 9 inches.
- A-2210 Incubator, electric, No. 11, 15 x 12 x 10½ inches.
- A-2211 Incubator, electric, No. 2, 26 x 18 x 18 inches.
- *A-2216 Thermostat, electric, with condenser.
- *A-2220 Filter, Berkefeld's laboratory, nickel-plated—
 Capacity, 1 litre in 50 seconds; 40 pounds pressure.
 Capacity, 1 litre in 40 seconds; 40 pounds pressure.
 Capacity, 1 litre in 30 seconds; 40 pounds pressure.
- *A-2225 Cylinder, small, medium, large.
- *A-2227 Two-way stop cock for use with above.
- *A-2229 Wrench for opening filters.
- *A-2240 Still, **Jewell's**, made of machined iron with boiling chamber enameled on the inside and the condensing tube carefully tinned. Capacity, half gallon per hour.
- *A-2245 Still, **Jewell's**, made of copper and brass, heavily tinned on the inside and nickel-plated on the outside. Operated by gas. Capacity, one-half gallon per hour.

Illustrated literature on Mandler Filters sent on request.

Illustrated literature on Stokes Automatic Water Stills sent on request.

Laboratory Glassware



A-2300



A-2302



A-2305



A-2308



A-2304



A-2315



A-2303



A-2326



A-2322



A-2320



A-2387



A-2324



A-2330



A-2328



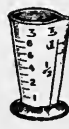
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A-2337



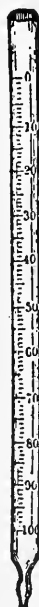
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A-2347



A-2382



A-2310



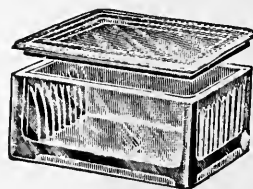
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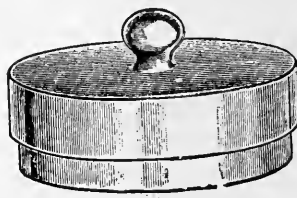
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A-2370

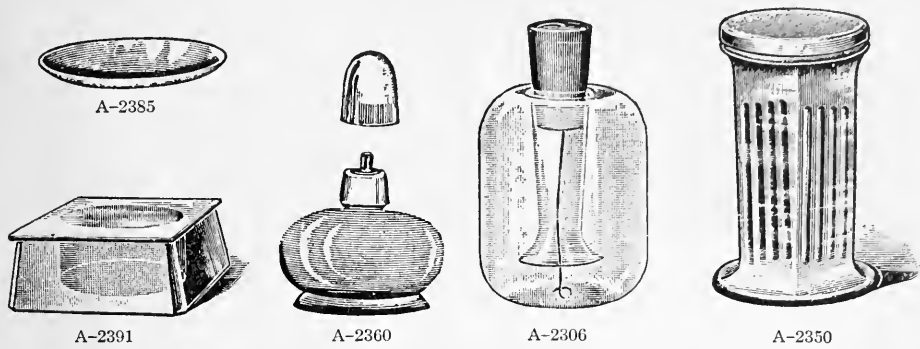


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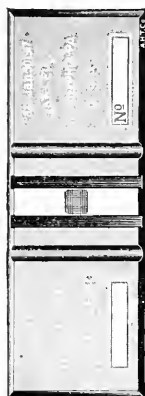
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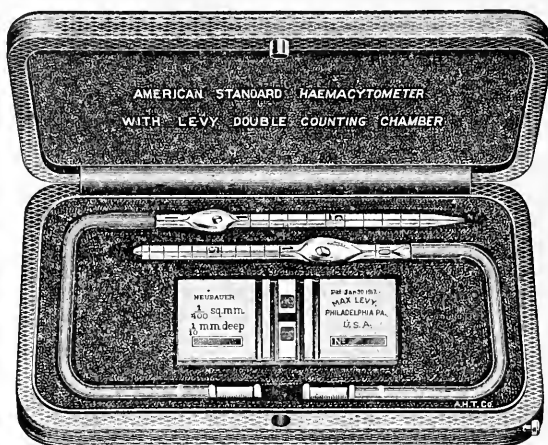


Laboratory Glassware

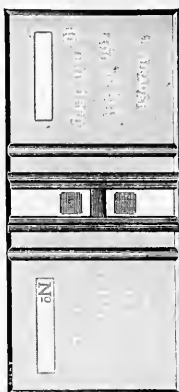
A-2300	Beakers, with lip, capacity cc.	15	30	50	75	100	200	300	450
A-2302	Bottle, Balsam, with dropper and glass cap.								
A-2303	Bottle, Dropping, ground stopper, bulb pipette, 30 cc.								
A-2304	Bottle, Dropping, ground stopper, glass pipette, 30 cc.								
A-2305	Bottle, Dropping, ground stopper, closed with half a turn, 30 cc.								
A-2306	Bottle, Immersion Oil, unspillable.								
A-2308	Bottle, Reagent, lettered, narrow mouth glass stopper, 125 cc., 32 reagents.								
A-2310	Burette, Mohr's , plain, 10 cc., 25cc., 50 cc., 100 cc.								
A-2311	Burette, Mohr's , with stopcock, 10 cc., 25 cc., 50 cc.								
*A-2312	Burette connection, consisting of rubber tube, pinch cock and glass tip.								
A-2315	Dishes, Evaporating, porcelain, capacity cc.	50	100			150	200	300	750
A-2320	Dishes, Petri's , 50 mm., 80 mm., 100 mm., 120 mm.								
A-2322	Dishes, Pasteur, 100 mm.								
A-2324	Dishes, Preparation, loose cover, 50 mm., 60 mm., 80 mm.								
A-2326	Dishes, Stender , 50 mm., 60 mm., 80 mm., 100 mm.								
A-2328	Flasks, Erlenmeyer , capacity cc.	30	60	120		250	500	1000	2000
A-2330	Flasks, Koch's , capacity cc.	30	60	120		250	500	1000	2000
A-2335	Funnels, plain.								
A-2337	Funnels, ribbed.								
*A-2339	Glass Rod, diameter 2 to 12 mm.								
*A-2345	Glass Tubing, outside diameter 2 to 25 mm., lengths 1½ meters.								
A-2347	Graduates. Graduated both in cubic centimeters and ounces. Capacity cc.	15	30	60		125	250	500	1000
A-2350	Jars, Coplin's , staining.								
*A-2352	Jars, Specimen, 200 cc., 300 cc., 500 cc., 700 cc.								
A-2354	Jars, Specimen. With mouth same size as body. Rubber gasket and clamp. under side of glass cover.								
	Height, mm.	100	150	200	300	150	200	300	375
	Diameter mouth, mm.	57	57	57	57	88	88	88	125
	We can furnish larger sizes upon application								
*A-2356	Jars, Specimen, rectangular. White glass. Ground glass covers.								
	Height, mm.	100	125	125	150	150	150	200	200
	Length, mm.	65	100	100	100	75	100	125	150
	Width, mm.	50	40	100	50	75	100	100	75
A-2358	Jar, square, staining, with cover, for 10 slides.								
A-2360	Lamps, Alcohol, glass, 1 oz., 2 oz., 4 oz.								
A-2362	Moist Chamber, glass, diameter, 200 mm., 240 mm.								
*A-2364	Pipettes, straight or curved, with bulb.								
*A-2366	Pipettes, straight, glass, 8 inch, 12 inch.								
A-2368	Pipettes, Mohr's , 1 cc., 2 cc., 5 cc., 10 cc., 25 cc., 50 cc.								
A-2370	Pipettes, Volumetric, 1 cc., 5 cc., 10 cc., 25 cc., 50 cc.								
*A-2375	Test Tubes, best clear thin glass; 4 inch, 5 inch, 6 inch.								
*A-2380	Thermometer, Chemical, all glass, graduated to 100°, 150°, 250° Cent.								
A-2382	Thermometer, Incubator, graduated to 50° Cent.								
A-2385	Watch Glasses. Thin. Concave form. Diameter mm.	40	50	75		100		120	
A-2387	Watch Glasses, Syracuse , diameter 65 mm.								
*A-2389	Watch Glasses, Syracuse , with ground beveled surface.								
A-2391	Watch Glasses, square.								



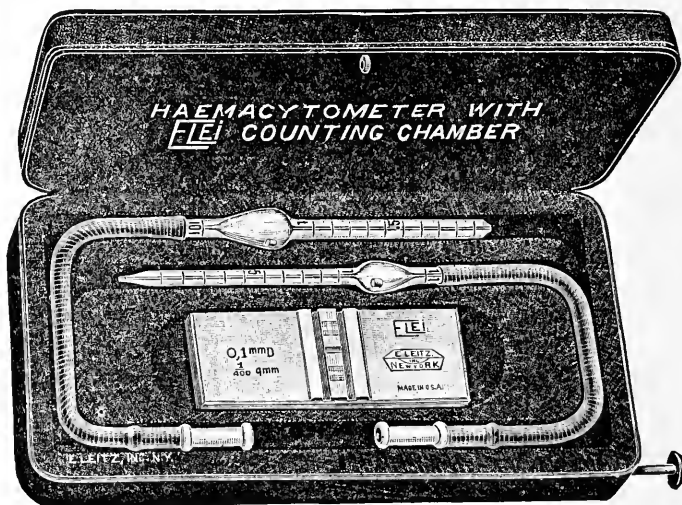
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A-2405-2410



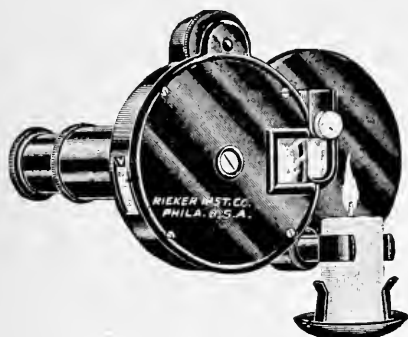
A-2430



A-2415-2420

Apparatus for Blood Testing

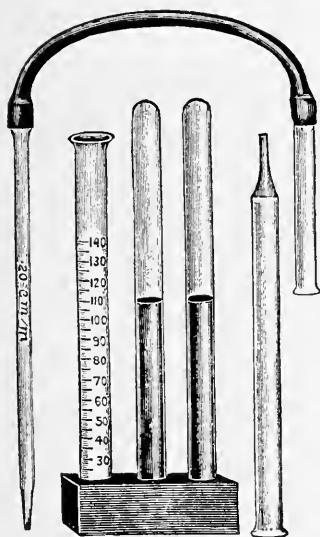
- A-2405 Haemacytometer, American Standard, with Levy counting chamber with single Neubauer ruling, complete in case as shown.
- A-2410 Haemacytometer, same as above, with double Neubauer ruling, Bureau of Standards certificate for the above, for both counting chamber and pipettes.
- A-2415 Haemacytometer, with **Elei** counting chamber, with single Neubauer ruling, complete in case as shown.
- A-2420 Haemacytometer, same as above, with double Neubauer ruling.
The **Elei** counting chamber and pipettes are guaranteed to meet the specifications of the Bureau of Standards.
- A-2425 **Levy** counting chamber, with single Neubauer ruling.
- A-2430 **Levy** counting chamber, with double Neubauer ruling.
- *A-2435 **Elei** counting chamber, with single Neubauer ruling.
- *A-2440 **Elei** counting chamber, with double Neubauer ruling.
- *A-2445 **Levy** Pipettes only, for red corpuscles.
- *A-2450 **Levy** Pipettes only, for white corpuscles.
- *A-2455 **Elei** Pipettes only, for red corpuscles.
- *A-2460 **Elei** Pipettes only, for white corpuscles.



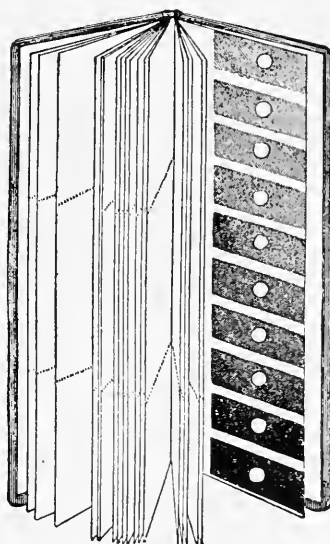
A-2480



A-2490



A-2500

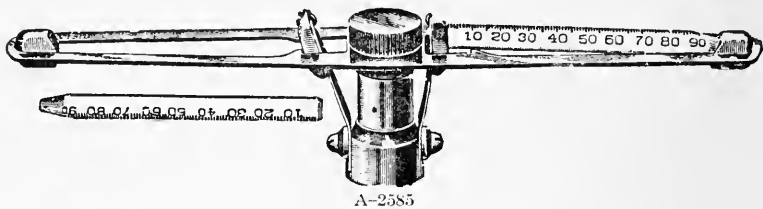


A-2510

Apparatus for Blood Testing

- A-2480 Haemoglobinometer, **Dare's**, candle illuminated, in case.
- *A-2485 Haemoglobinometer, **Dare's**, for candle or electric light illumination, A. C. or D. C. current, complete with resistance unit, lamp, camera, connectors and cords, ready for use.
- A-2490 Haemoglobinometer, **Dare's**, for electric light, with universal battery handle, in case.
- A-2500 Haemoglobinometer, **Gower's**.
- A-2510 Haemoglobinometer, **Tallquist's** scale.

Centrifuge Accessories



A-2596



A-2598



A-2587



A-2592



A-2560



A-2570



A-2604



A-2562



A-2566



A-2568



A-2594



A-2606

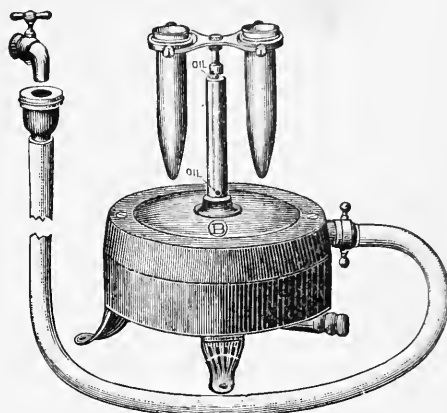


A-2574

For description see next page



A-2550



A-2555

Centrifuges and Accessories

- A-2550 Hand Centrifuge, complete with one graduated and one plain 15 cc. tube.
- *A-2552 Hand Centrifuge, double speed, complete with one graduated and one plain 15 cc. tube, two sputum tubes, one Daland's Haematokrit and pipette for filling tubes.
- A-2555 Water Power Centrifuge, complete with one graduated and one plain 15 cc. tube.
- A-2560 Blood Lancet, automatic, light pattern.
- A-2562 Blood Lancet, automatic.
- *A-2564 Blood Lancet, **Boldt's**.
- A-2566 Blood Lancet, **Moore's**.
- A-2568 Blood Lancet, plain reversible.
- A-2570 Blood Needle, **McRae's**, for Wassermann test, with test tube.
- *A-2572 Blood Pipette, **Manley's**, complete with needle and rubber tubings, 10 cc., 20 cc., 30 cc.
- A-2574 Blood Pipette, automatic, for filling blood tubes.
- *A-2576 Centrifuge Clamp, for attaching the centrifuge to the table.
- *A-2578 Centrifuge Four-Tube Attachment. This attachment is used in board of health and other laboratories for milk analysis, etc., as four tests can be made at one time.
- *A-2580 Centrifuge Guard for Haematokrit. This attachment consists of a metal shield which fits over the haematokrit, so that the revolving parts are entirely closed.
- A-2585 Centrifuge, Haematokrit, **Daland's**.
- A-2587 Centrifuge Milk Tubes. These tubes are used for milk analysis in place of the regular sedimentation tubes and are graduated to give percentage readings of fats in milk according to the Leffman-Beam or Babcock methods. Very useful for human as well as cow's milk analysis.
- *A-2590 Centrifuge Percentage Tubes. For the haematokrit. With accurate lumen, lens-edge to magnify column of blood and the graduations, and graduated in millimeters from 0 to 100.
- A-2592 Centrifuge Pipette. For filling milk tubes. Graduated to 1 cc.
- A-2594 Centrifuge Pipette. For filling haematokrit tubes.
- A-2596 Centrifuge Sedimentation Tubes. Graduated in 1-10 cc. to 10 cc., with conical end to aid in reading small deposits.
- A-2598 Centrifuge Sedimentation Tubes. Ungraduated. For collecting sediments for microscopical examination.
- *A-2600 Centrifuge Shield Tubes. Of aluminum. These shields protect the glass sedimentation tubes. They are regularly furnished with the centrifuge, but are listed extra for renewal in case of damage.
- *A-2602 Centrifuge Sputum Tubes. For use in haematokrit frame. Same shape as percentage tubes. Ungraduated.
- A-2604 Milk Bottle, **Babcock's**, for 10 per cent fat.
- A-2606 Stopper, **Bunnell's**, for blood pipette. Used for closing the pipette after taking blood at bedside. Where the pipette must be carried from the bedside to the laboratory for counting this little stopper will be found practical and useful.



A-2650



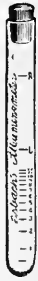
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A-2658



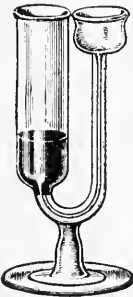
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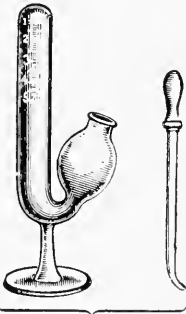
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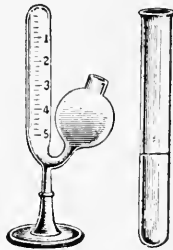
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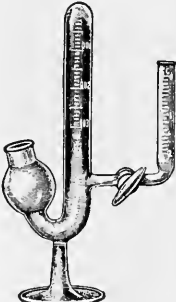
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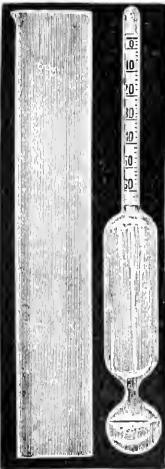
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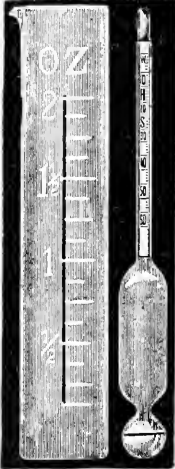
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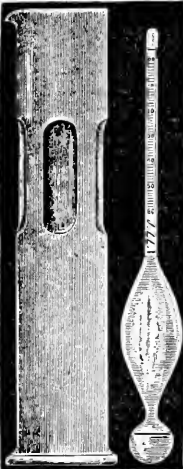
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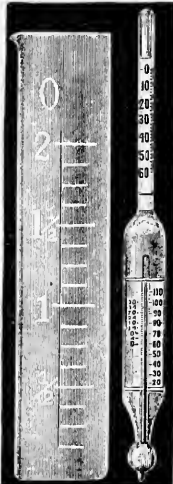
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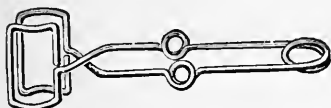
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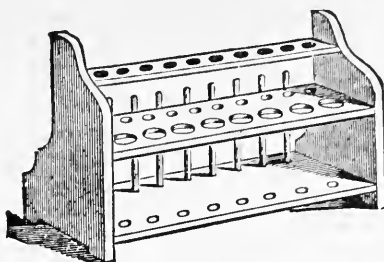
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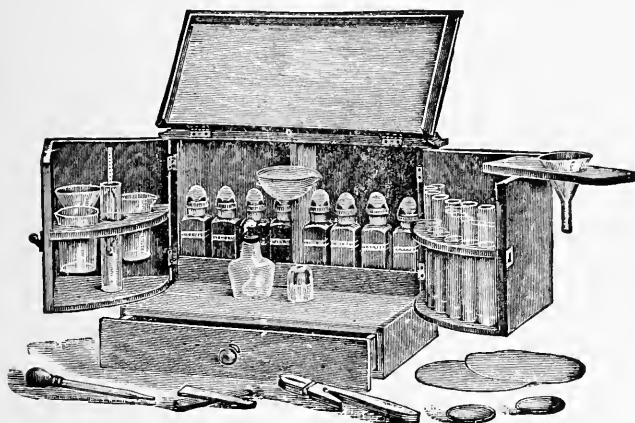
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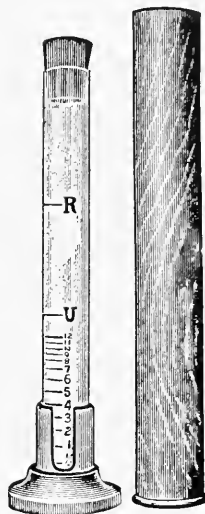
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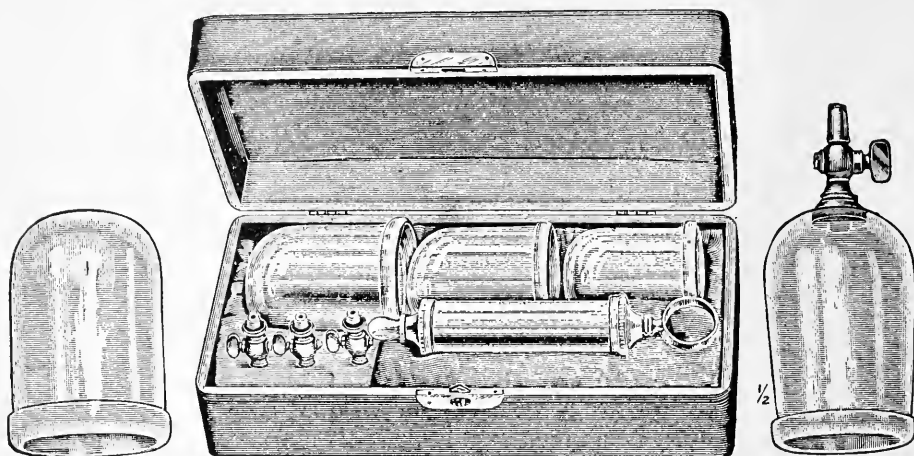
A-2755



A-2635

Apparatus for Urinalysis

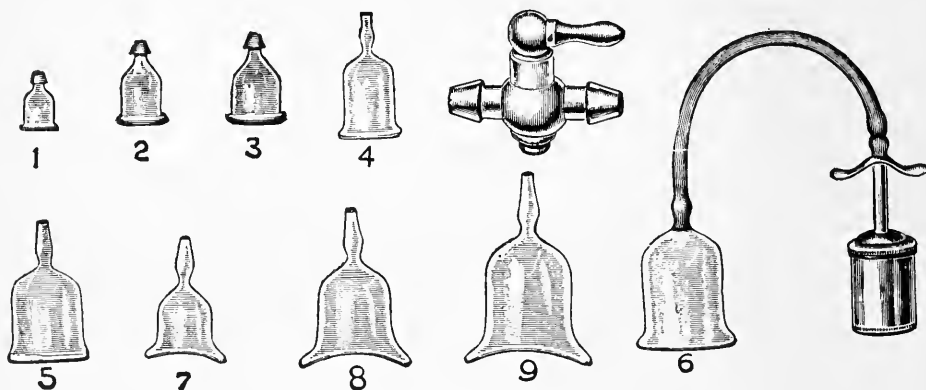
- A-2630 Albuminometer, **Esbach's**, for quantitative estimation of albumen in urine.
- A-2635 Albuminometer, **Esbach's**, on wood stand.
- A-2640 Albuscope, for detection of albumen in urine with nitric acid. It is quick and sensitive (to 1-60 per cent) bringing the acid full strength into contact with the urine.
- A-2650 Fermentation Tube, ungraduated.
- *A-2651 Fermentation Tube, graduated.
- A-2656 Pipette, ordinary, per dozen.
- A-2658 Pipette, long, 8 inches, 12 inches.
- A-2660 Saccharometer, **Einhorn's**, fermentation.
- A-2665 Sedimentation Glasses, conical, 100 cc. capacity.
- A-2670 Test Tubes, 4 inches, 5 inches and 6 inches, per dozen.
- A-2675 Test Tube Holder, wire.
- A-2680 Test Tube Rack, to hold 10 tubes.
- *A-2685 Test Paper, Congo, dozen books in box.
- *A-2690 Test Paper, Litmus, blue.
- *A-2700 Test Paper, Litmus, red.
- *A-2705 Test Pencil, Litmus, red and blue.
- A-2710 Urea Apparatus, **Squibb's**, for estimation of urea in urine by displacement. Complete, with 50 cc. bottle of reagent.
- A-2712 Ureometer, **Doremus'**, for rapidly estimating amount of urea by hypobromate method. With graduated pipette and graduated fermentation tube on foot.
- *A-2715 Ureometer, **Doremus'**, same as above, without foot.
- *A-2720 Ureometer, **Doremus-Hinds'**, improved form with glass stopcock in connection between graduated side tube and fermentation tube by which a definite amount of urine is admitted to the fermentation tube without the escape of gas.
- A-2725 Ureometer, **Doremus-Hinds'**, on glass foot.
- A-2730 Urinometer, plain.
- A-2735 Urinometer, milk glass scale, and graduated jar.
- A-2740 Urinometer, **Squibb's** pattern.
- A-2745 Urinometer, with thermometer.
- A-2755 Urine Test Set, complete with reagents, as illustrated.
- *A-2765 Urine Test Set, **Douglass'**, same as above but with removable glass base plate of opal glass.



A-2795

A-2810

A-2800



A-2820-2825

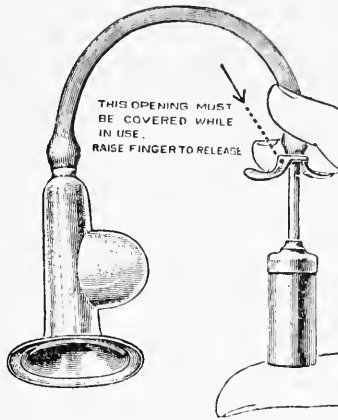
Cupping Cups

- *A-2790 Congester, penis, soft rubber tube and metal pump, with release valve and stopcock.
- A-2795 Cupping Cups, glass, plain, 3 sizes.
- A-2800 Cupping Cups, glass, plain, with stopcock, 3 sizes.
- *A-2805 Cupping Cups, with soft rubber suction bulb, 3 sizes.
- A-2810 Cupping Set, with 3 glass cups and stopcocks, metal suction pump, in case.
- A-2815 Cupping Set, complete with 4 cupping cups, 1 breast developer, and 1 penis congester with rotary suction pump.
- A-2820 Cupping Set, **Yale**, with Yale vacuum pump, 3 cups, Nos. 4, 5 and 6, in leatherette covered box.
- A-2825 Cupping Set, **Yale**, with Yale vacuum pump, cups Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, stopcock and tubing as illustrated.

NOTE—A circular giving complete list of Biers' Cups for artificial hyperemia mailed on request.



A-2835



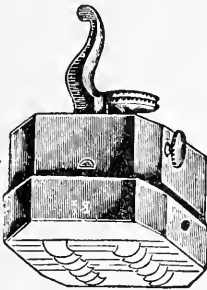
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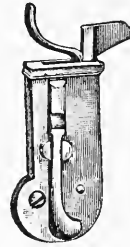
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A-2865



A-2875-2880

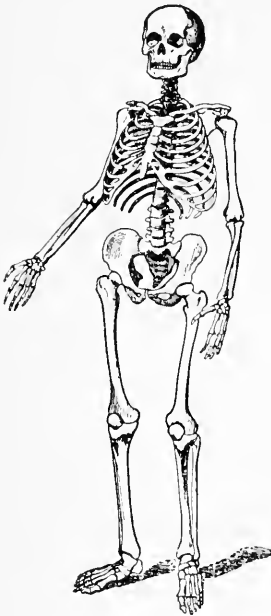


A-2885

Cupping Pumps, Breast Developers, Scarificators

- *A-2830 Developer, Breast, glass, with rubber bulb.
- A-2835 Developer, Breast, glass, with metal suction pump and stopcock.
- *A-2840 Developer, Breast, glass, with metal rotary suction pump and release valve.
- *A-2850 Pump, Breast, glass, with rubber bulb.
- *A-2855 Pump, Breast, glass, with rotary metal suction pump.
- A-2860 Pump, Breast, **Yale**.
- A-2862 Pump, suction, small, medium and large.
- A-2865 Scarificator, **Baunscheidt's**, for counter irritation.
- A-2870 Scarificator, reversible, 12 blade.
- A-2875 Scarificator, reversible, 10 blade.
- A-2880 Scarificator, reversible, 8 blade.
- A-2885 Spring Lancet, fine, in case.

Osteological Preparations



A-2953-2958



A-2975-2977



A-3015

- *A-2950 Skeleton, disarticulated, ordinary.
- *A-2951 Skeleton, disarticulated, selected.
- *A-2952 Skeleton, disarticulated, extra fine.
- A-2953 Skeleton, German articulation, ordinary.
- A-2954 Skeleton, German articulation, selected.
- A-2955 Skeleton, German articulation, extra fine.
- A-2956 Skeleton, **Tramond's**, best French articulation, ordinary.
- A-2957 Skeleton, **Tramond's**, best French articulation, selected.
- A-2958 Skeleton, **Tramond's**, best French articulation, extra fine.
- *A-2970 Skeleton, foetal, mounted on stand.
- *A-2972 Skull, disarticulated, in pasteboard box, ordinary.
- *A-2973 Skull, disarticulated, in pasteboard box, selected.
- *A-2974 Skull, disarticulated, in pasteboard box, extra fine.
- A-2975 Skull, plain, lower jaw articulated, ordinary.
- A-2976 Skull, plain, lower jaw articulated, selected.
- A-2977 Skull, plain, lower jaw articulated, extra fine.
- *A-2979 Skull, 2 cut, articulated, fine.
- *A-2981 Skull, 5 cut, articulated, fine.
- *A-2983 Skull, 7 cut, articulated, fine.
- *A-2985 Skull, disarticulated, mounted according to Beauchene's method, all bones being united with polished metal strips. The bones may be disconnected and can be studied separately. Mounted on wood base, with glass dome cover.
- *A-2990 Skull, foetal.
- *A-2995 Spinal column, articulated on catgut.
- *A-2997 Pelvis, female, without ligaments.
- *A-2999 Pelvis, female, with ligaments.
- *A-3000 Arm and Hand, articulated.
- *A-3005 Hand, articulated with catgut.
- *A-3007 Leg and Foot, articulated.
- *A-3010 Foot, articulated with catgut.
- A-3015 Cross Bones (femurs), per pair.
- *A-3020 Temporal Bone, bisected through the mastoid, etc.
- *A-3025 Iron Stand, finished in aluminum bronze, adjustable to any height, for suspending skeleton.

ANATOMICAL STAMPS

We carry a full line of rubber stamps in stock, but space will not permit us to list them. A complete illustrated price list of these stamps will be mailed upon request.

Section "B"



Anaesthetic General Operating
Osteotomy

Trepanning
Bullet
Pocket Case

Cautery Ligatures Sutures
Dressings, Etc.



B-1



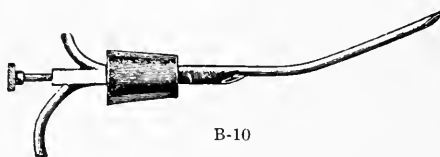
B-3-5



B-7



B-9



B-10

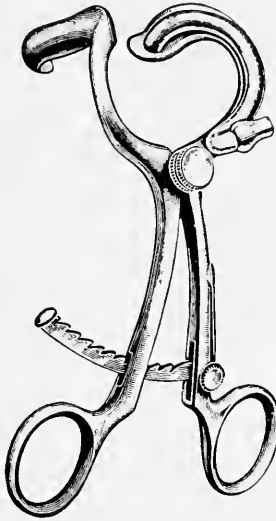
Anaesthesia Accessories

Drop Bottles, Droppers

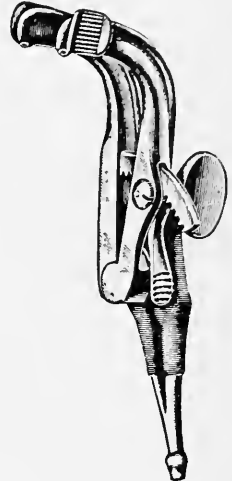
- B-1 **Esmarch's.**
- B-3 Crystal, flat stopper, 100 cc.
- B-5 Amber, flat stopper, 100 cc.
- B-7 Crystal, with white enameled label Chloroform, 60 cc., 150 cc.
- B-9 Crystal, with white enameled label, Ether, 60 cc., 150 cc.
- B-10 Dropper, **Pinneo's**, regulating, 4½ inches, 7 inches.



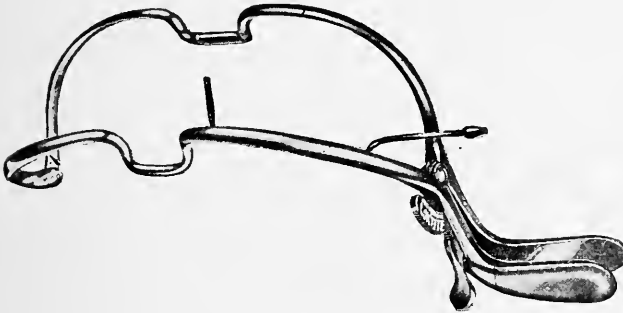
B-15



B-20



B-25



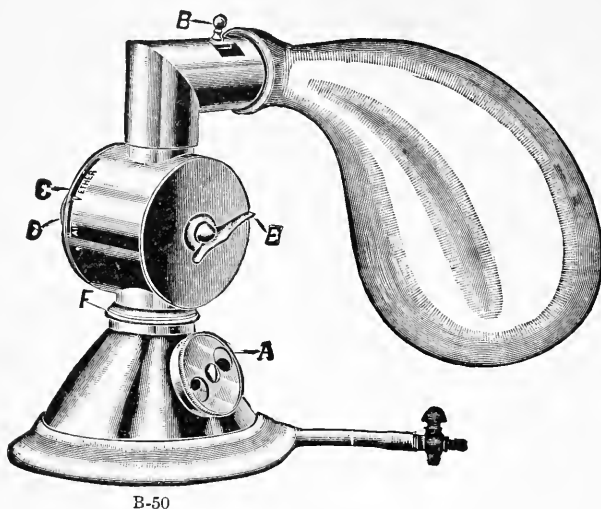
B-30



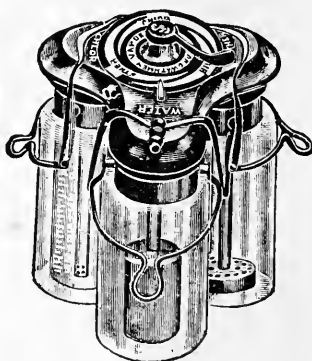
B-35

Gags with Anaesthesia Attachment

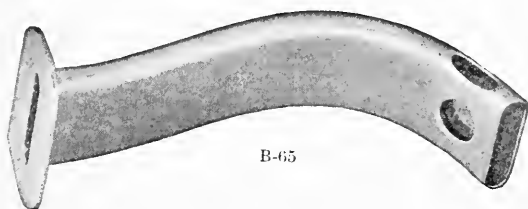
- B-15 Gag, **Denhard's**, with anaesthetic tube.
- B-20 Gag, **Doyen's**, with anaesthetic tube.
- B-25 Gag, **Ferguson's**, with anaesthetic tube.
- B-30 **Jenning's**, with anaesthetic tube.
- B-35 Screw, oral, hard rubber, for forcing the mouth open.



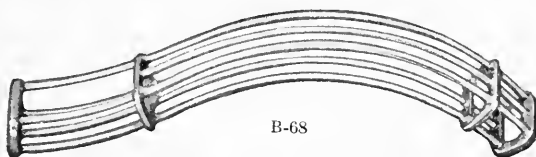
B-50



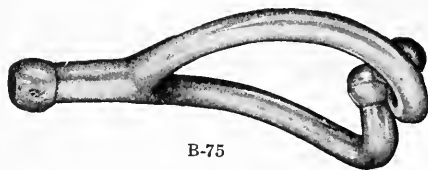
B-60



B-65



B-68



B-75



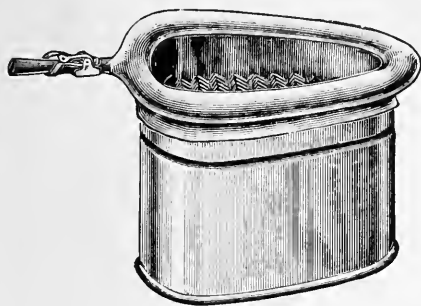
B-70



B-71

Gas-Ether Inhalers, Airways and Tubes

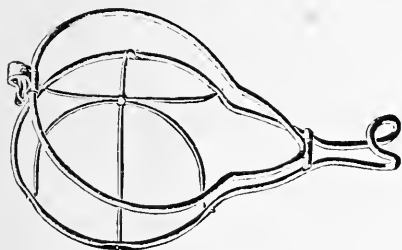
- B-50 **Bennett's**, gas-ether, in case or without case.
- *B-55 **Gwathmey's**, gas-ether, original.
- B-60 **Gwathmey's**, three bottle.
- B-65 **Connell's** Airway.
- B-68 **Lumbar's** Airway.
- B-70 **Gwathmey's** Mouth Hook Tube, long.
- B-71 **Gwathmey's** Mouth Hook Tube, short.
- B-75 **Sanford's** Nasal Tube, double.



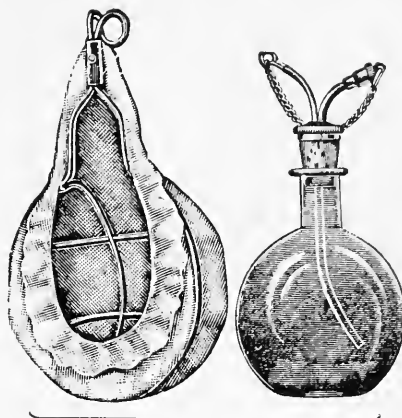
B-102



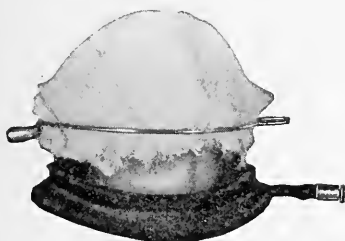
B-103



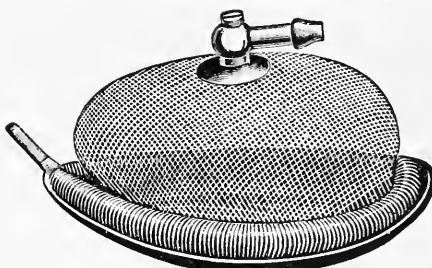
B-106



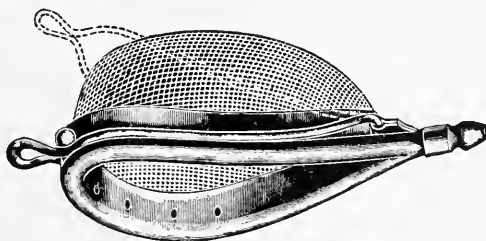
B-105



B-110



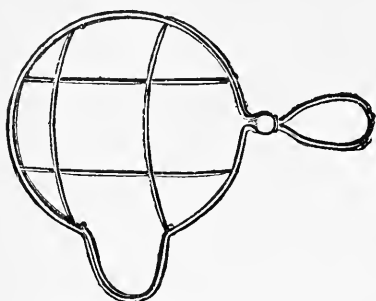
B-112



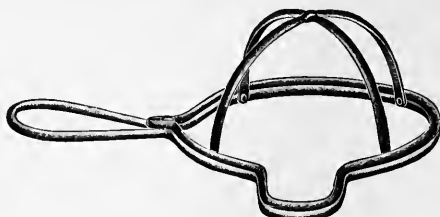
B-114

Inhalers, Chloroform, Ether and Vapor

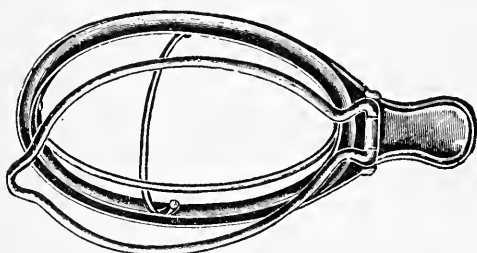
- *B-100 Allis', improved, metal, nickel-plated.
- *B-101 Allis', improved, aluminum.
- B-102 Allis', improved, aluminum with inflating rubber face cushion.
- B-103 Bennett's, for obstetrical use.
- B-105 Esmarch's, with drop bottle and cover.
- B-106 Esmarch's, folding with cover.
- B-110 Gwathmey's, with cover and inflatable rubber face cushion.
- B-112 Gwathmey-Yankauer's Vapor Mask.
- B-114 Lumbard-Yankauer's Vapor Mask.



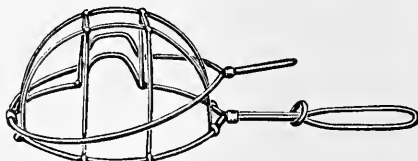
B-120



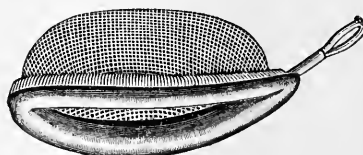
B-125



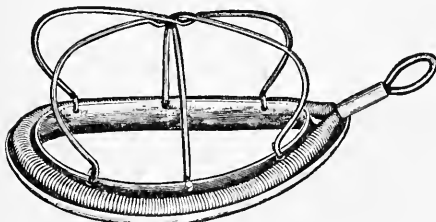
B-135



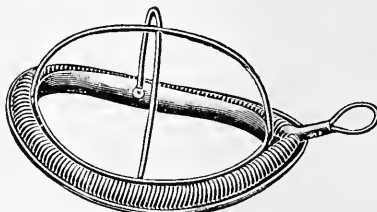
B-130



B-140



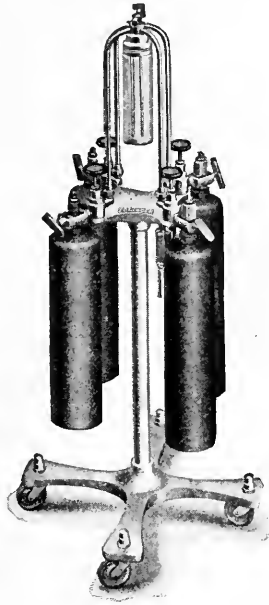
B-145



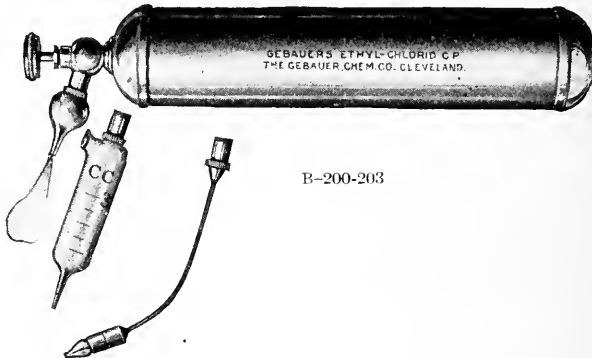
B-150

Inhalers, Chloroform and Ether

- B-120 **Ochsner's** Wire Mask.
- B-125 **Ochsner's** Folding Mask.
- B-130 **Sander's** Mask only.
- B-135 **Schimmelbusch's** Folding Mask.
- B-140 **Yankauer's** Mask only.
- B-145 **Yankauer's** Folding Mask.
- B-150 **Yankauer's** Simplex Folding Mask.

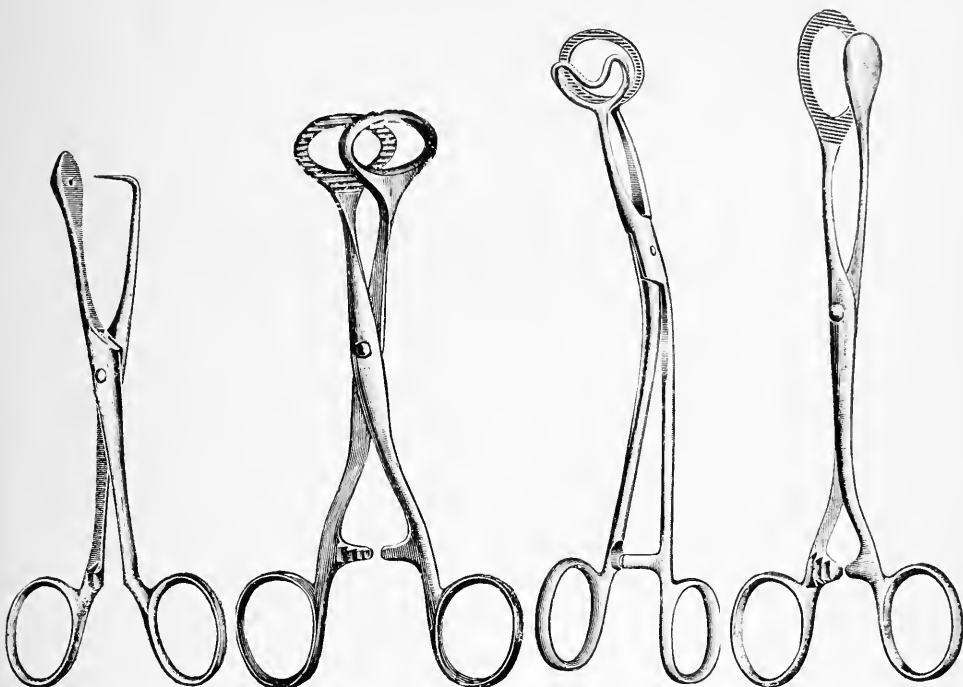


Complete Catalogues on Gas-Oxygen-Ether Anaesthesia Apparatus
will be sent on request



"Gebauer's" Ethyl Chloride

- B-200 **Gebauer's** Ethyl Chloride, 40 gm. tube with ordinary spraying nozzle.
- B-201 **Gebauer's** Ethyl Chloride, 100 cc. tube with ordinary spraying nozzle.
- B-202 **Gebauer's** Flexible Spraying Nozzle alone.
- B-203 **Gebauer's** Graduated Dropper.
- *B-204 **Gebauer's** Inhaler, for Ethyl Chloride by the drop method.

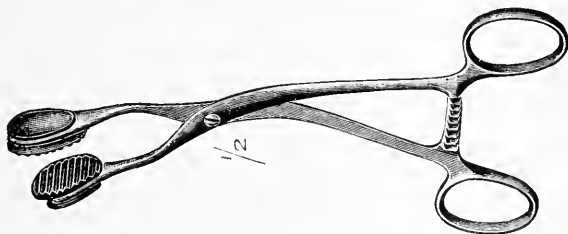


B-252

B-255

B-260

B-270

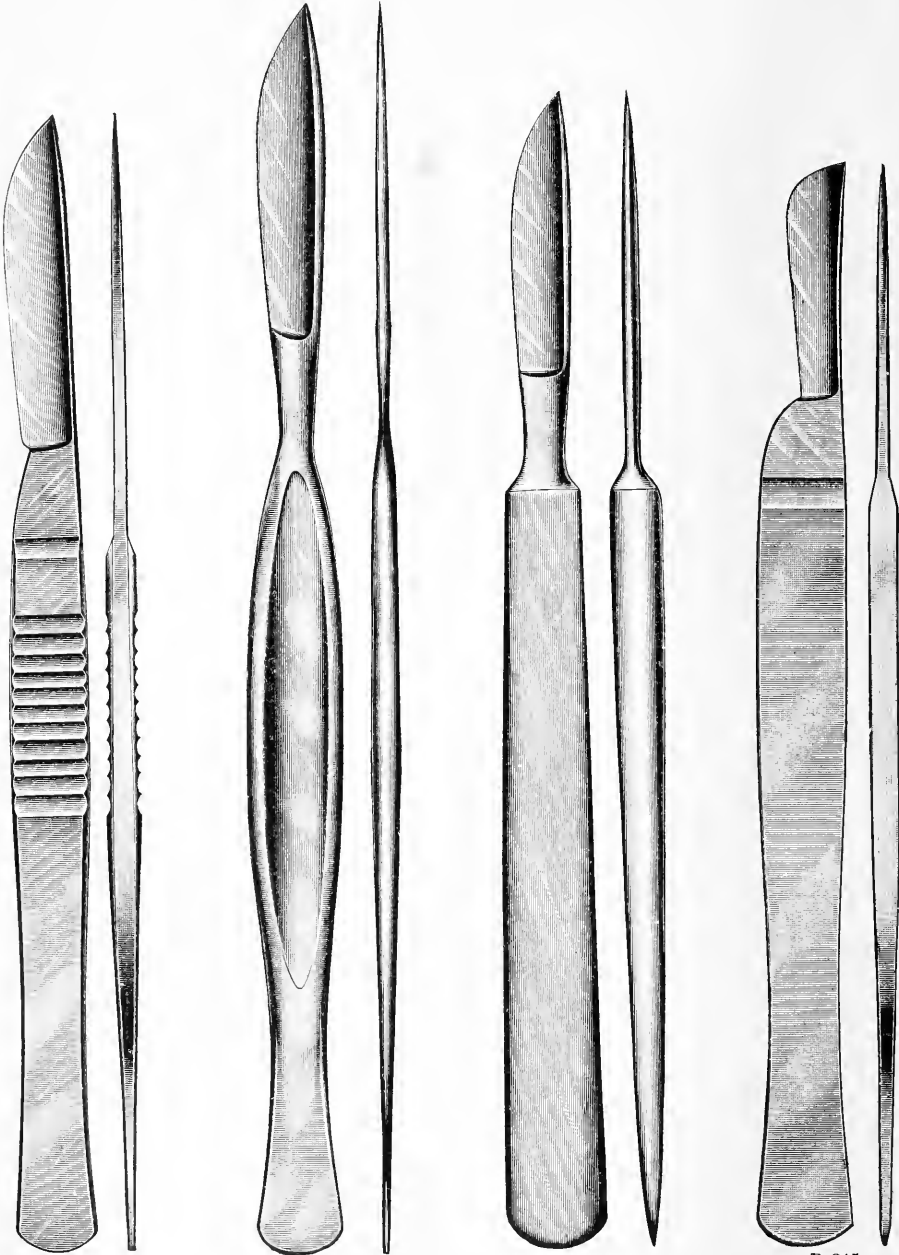


B-275

Tongue Forceps

- *B-250 **Berger's**, $5\frac{1}{2}$ inches.
- B-252 **Carmalt's**, $5\frac{1}{2}$ inches.
- B-255 **Collins'**, $6\frac{1}{2}$ inches, $7\frac{3}{4}$ inches.
- B-260 **Haslam's**.
- *B-265 **Houze's**, $6\frac{1}{4}$ inches.
- B-270 **Mathieu's**, 7 inches.
- B-275 **Young's**, with soft rubber tips.

Operating Knives



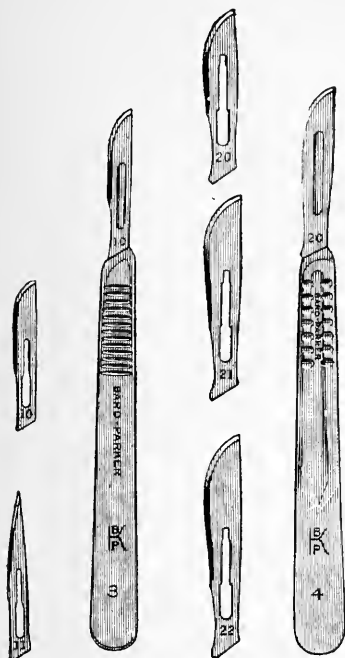
B-310

B-315

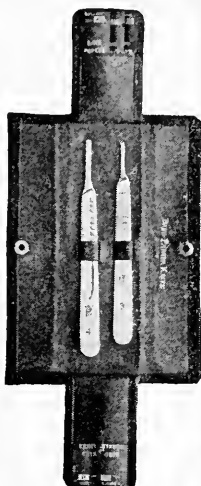
B-340

B-345

NOTE: For blade styles and numbers see ensuing pages.



B-300-302



B-305



B-325



B-330

Operating Knives

B-300 **Bard-Parker** Knife, with removable blades, handle No. 3.

B-301 **Bard-Parker** Knife, with removable blades, handle No. 4; blades Nos. 10 and 11 fit handle No. 3; blades Nos. 20, 21 and 22 fit handle No. 4.

B-302 **Bard-Parker** Blades, in packages containing 6 of one size.

B-305 **Bard-Parker** Knives, complete set in leather case containing 1 handle No. 3, 1 handle No. 4, 6 blades each, Nos. 10, 11, 20, 21 and 22.

B-310 **English** pattern, furnished in all style blades.

B-315 **Haslam's** pattern, furnished in all style blades.

*B-320 **Jefferson** pattern, furnished in all style blades.

B-325 **Littauer's** Scalpels, English blades, 1 inch, $1\frac{1}{4}$ inch, $1\frac{1}{2}$ inch, $1\frac{3}{4}$ inch.

B-330 **Littauer's** Scalpels, Weiss blades, 1 inch, $1\frac{1}{4}$ inch, $1\frac{1}{2}$ inch, $1\frac{3}{4}$ inch.

B-335 **Littauer's** Scalpels, in wood cases holding 3, 6 and 12 knives.

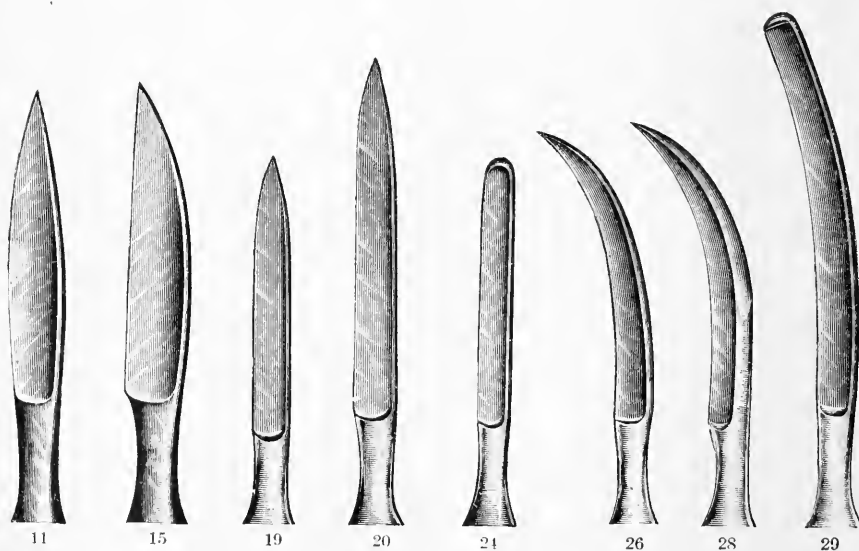
Littauer's knives are furnished also in straight and curved sharp bistouries and straight tenatomes.

B-340 **Luer's** pattern, furnished in all style blades.

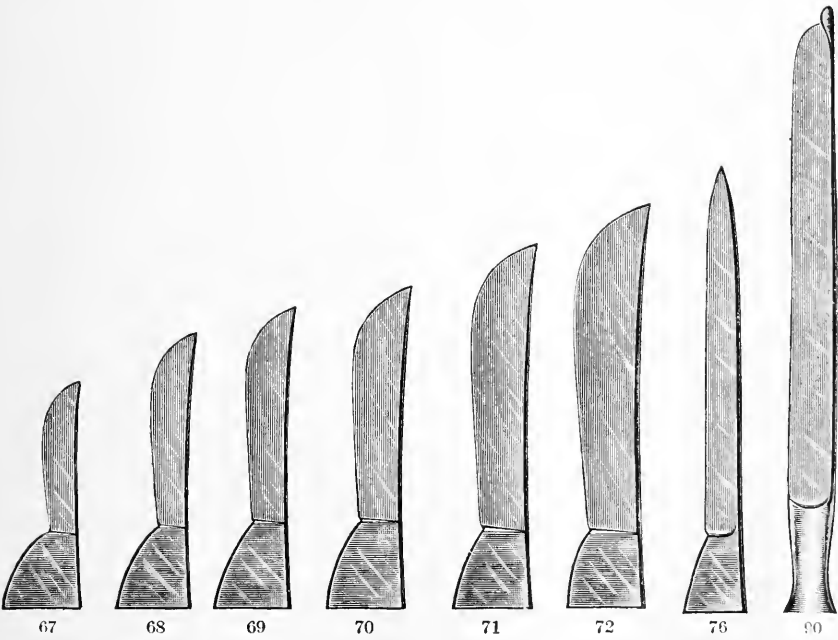
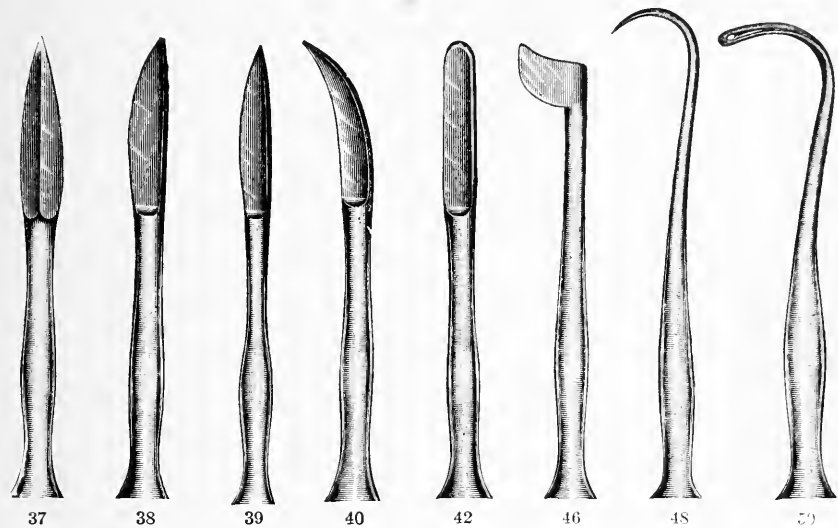
B-345 **Swedish** pattern, furnished in all style blades.

NOTE: For blade styles and numbers, see ensuing pages.

Operating Knife Blades

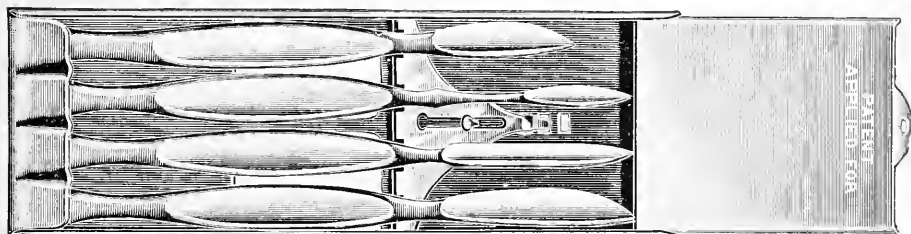
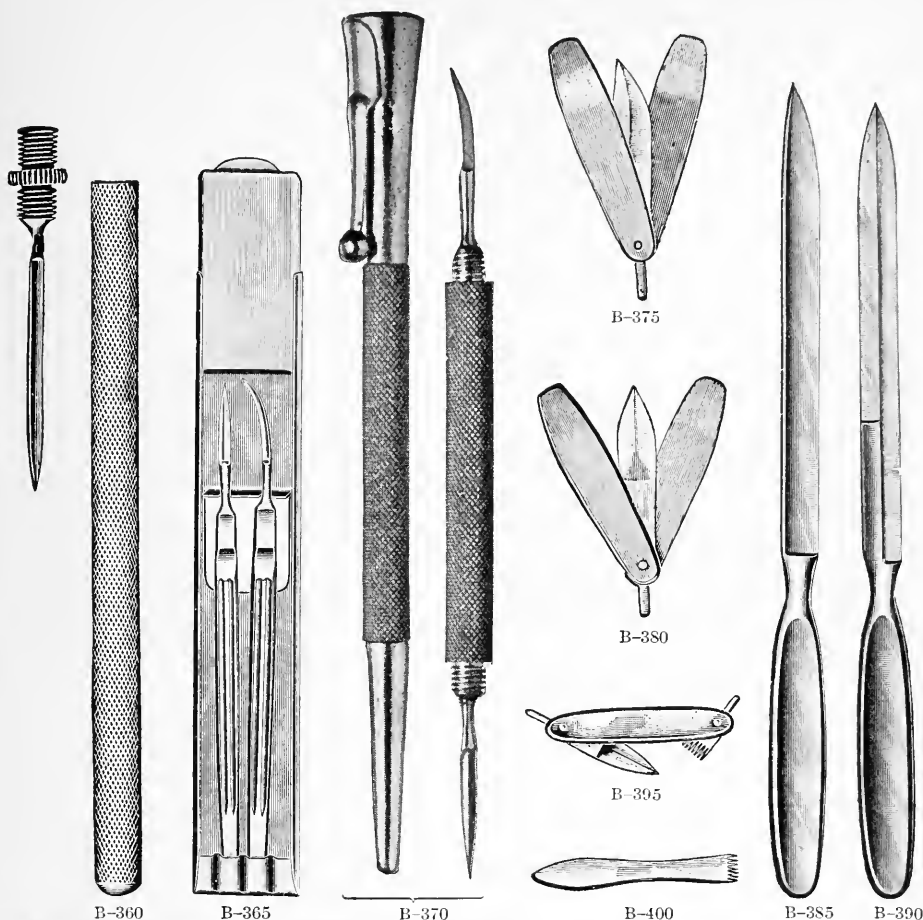


Operating Knife Blades



Operating Knife Blades



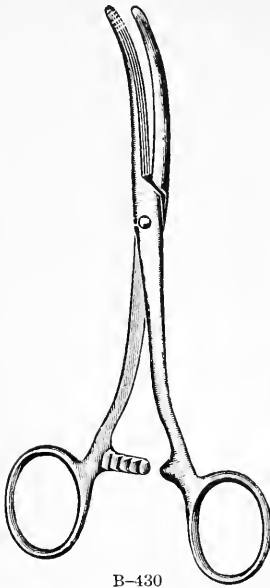


Abscess Knives, Amputating Knives and Lancets

- B-360 Abscess Knife, reversible, pencil case, single or double edge.
- B-365 Abscess Knife Set, 1 straight and 1 curved, in metal holder.
- B-370 Abscess Knife Set, **Vaughan's**, in pencil case, nickel or gold plated.
- B-375 Abscess Lancet, folding, metal handle.
- B-380 Abscess Lancet, folding, metal handle.
- B-385 Amputating Knives, short, medium and long.
- B-390 Amputating Knives, catlins, short, medium and long.
- B-395 Vaccinating Lancet and Comb, folding, metal handle.
- B-400 Vaccinating Comb or Scratcher.

Knife Holders, Metal

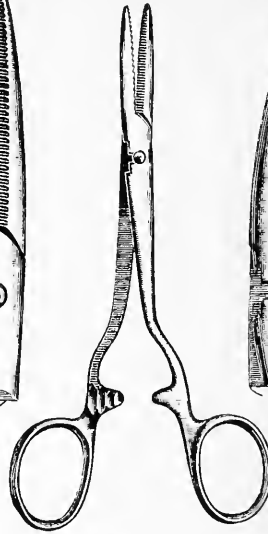
- B-405 Adjustable Knife Holder, sliding cover for 1, 2, 3, 4, 5 and 6 knives; the rack of this holder can be adjusted to fit almost any style of knife



B-430



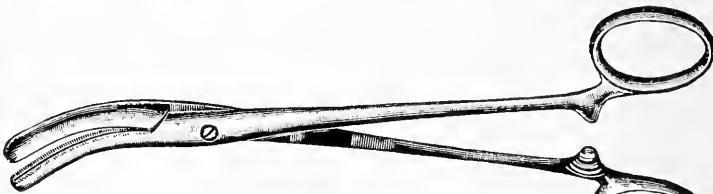
B-435



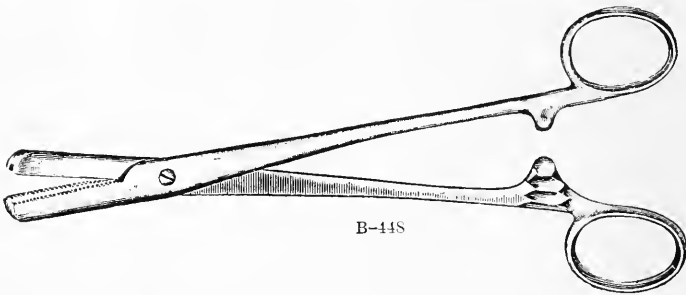
B-436



B-435



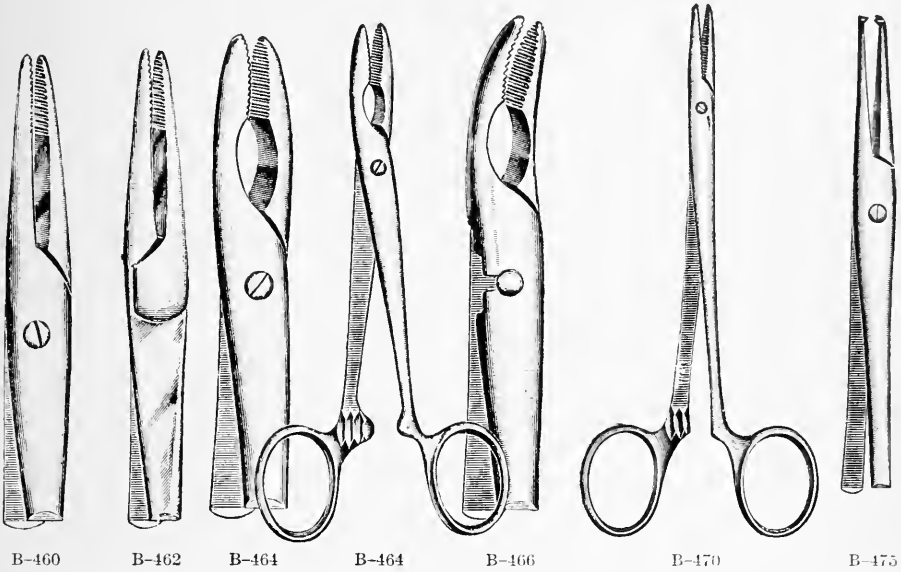
B-440



B-448

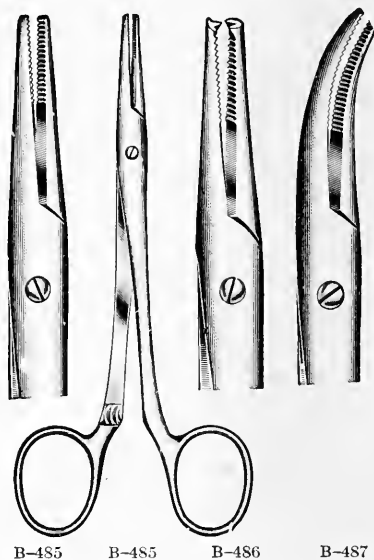
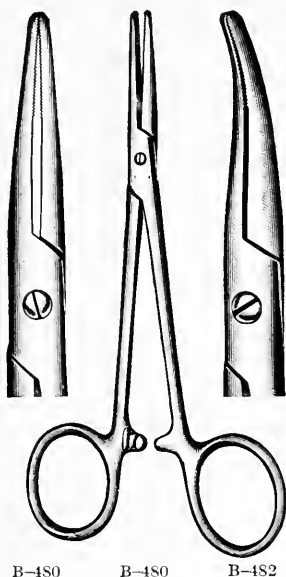
Haemostatic Forceps

- *B-425 **Barrett's**, $6\frac{1}{4}$ inches, mortise joint.
- B-430 **Carmalt's**, $6\frac{1}{4}$ inches, screw or aseptic joint, curved.
- *B-431 **Carmalt's**, $6\frac{1}{4}$ inches, screw or aseptic joint, straight.
- B-435 **Ethridge's**, straight, 5 inches, 6 inches, 7 inches, 8 inches.
- B-436 **Ethridge's**, curved, 5 inches, 6 inches, 7 inches, 8 inches.
- B-440 **Ferguson's**, curved, angiotriptic, $6\frac{1}{4}$ inches, $7\frac{1}{2}$ inches, screw joint.
- *B-445 **Ferguson's**, curved, angiotriptic, $6\frac{1}{4}$ inches, $7\frac{1}{2}$ inches, mortise joint.
- B-448 **Ferguson's**, straight, angiotriptic, $6\frac{1}{2}$ inches, $7\frac{3}{4}$ inches, screw joint.
- *B-450 **Ferguson's**, straight, angiotriptic, $6\frac{1}{2}$ inches, $7\frac{3}{4}$ inches, mortise joint.
- *B-455 **Ferguson's**, straight, $4\frac{3}{4}$ inches, $5\frac{1}{2}$ inches, $6\frac{1}{2}$ inches, $7\frac{1}{2}$ inches.



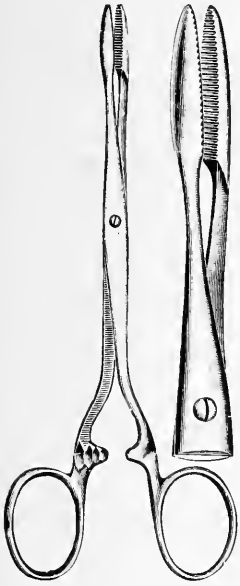
Haemostatic Forceps

- B-460 **Halstead's, Johns Hopkins' pattern**, $5\frac{1}{2}$ inches, screw joint.
- B-462 **Halstead's, Johns Hopkins' pattern**, $5\frac{1}{2}$ inches, Collin's joint.
- B-464 **Halstead's**, straight, $5\frac{1}{2}$ inches, aseptic or screw joint.
- B-466 **Halstead's**, curved, $5\frac{1}{2}$ inches, aseptic or screw joint.
- B-470 **Halstead's**, mosquito, straight, screw joint.
- *B-471 **Halstead's**, mosquito, curved, screw joint.
- B-475 **Halstead-Kelly's**, straight, mosquito, $4\frac{3}{4}$ inches, mouse tooth, screw joint.

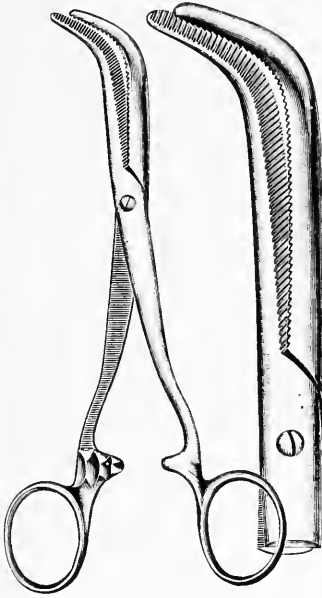


Haemostatic Forceps

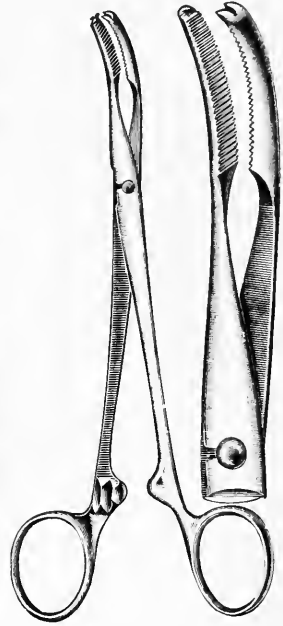
- B-480 **Kelly's**, straight, $5\frac{1}{2}$ inches, fine pointed, round shanks, screw joint.
- *B-481 **Kelly's**, straight, $5\frac{1}{2}$ inches, fine pointed, round shank, mortise joint.
- B-482 **Kelly's**, curved, $5\frac{1}{2}$ inches, fine pointed, round shanks.
- *B-483 **Kelly's**, curved, $5\frac{1}{2}$ inches, fine pointed, round shanks, mortise joint.
- B-485 **Kelly's**, straight, $5\frac{1}{2}$ inches, fine pointed, flat shanks.
- B-486 **Kelly's**, straight, $5\frac{1}{2}$ inches, mouse tooth, flat shanks.
- B-487 **Kelly's**, curved, $5\frac{1}{2}$ inches, fine pointed, flat shanks.



B-490



B-495



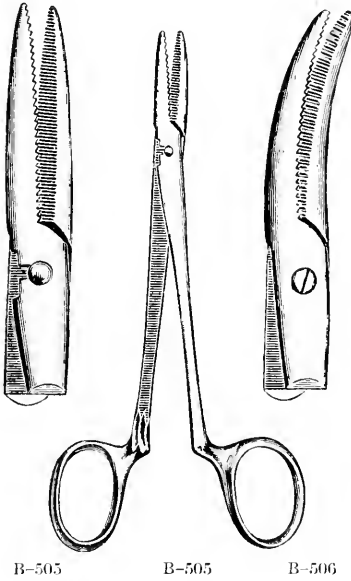
B-500

Haemostatic Forceps

B-490 **Murphy-Pean's**, straight, $6\frac{1}{2}$ inches, very light.

B-495 **Mixer's**, curved, 6 inches.

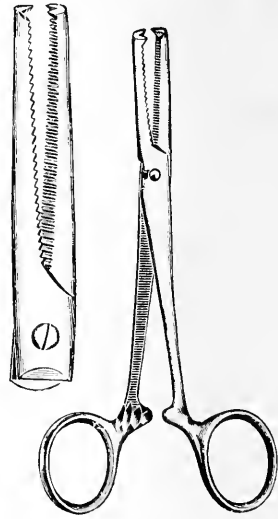
B-500 **Mickulicz's**, curved, $6\frac{3}{4}$ inches.



B-505

B-506

B-506



B-508

Haemostatic Forceps

B-505 **Jones'**, straight, 5 inches, screw joint.

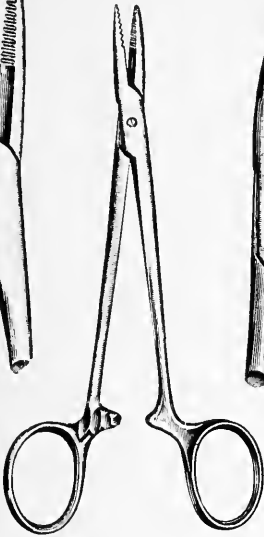
B-506 **Jones'**, curved, 5 inches, screw joint.

B-508 **Kocher's**, straight, 4½, 5, 5½ and 6 inches, screw joint.

*B-510 **Kocher's**, straight, 5½ inches, mortise joint.



B-515



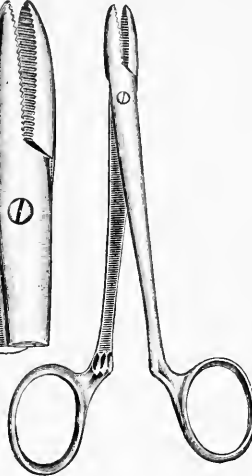
B-516



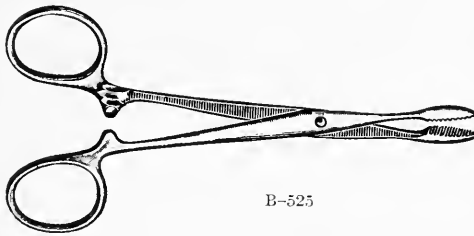
B-518



B-520



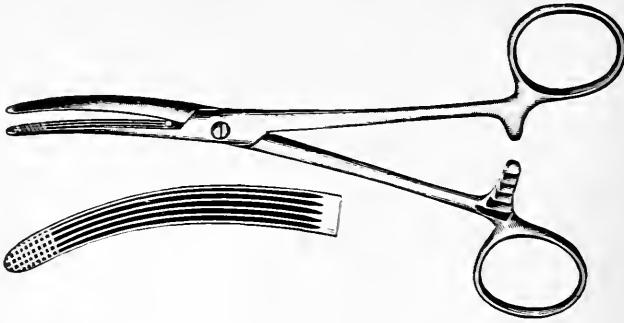
B-520



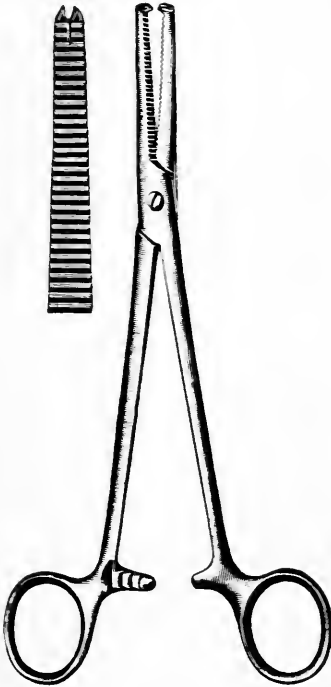
B-525

Haemostatic Forceps

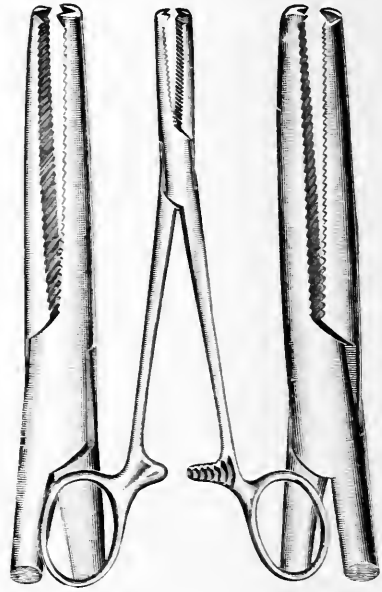
- B-515 **Providence Hospital**, straight, $5\frac{1}{2}$ inches, mortise joint.
- B-516 **Providence Hospital**, straight, $5\frac{1}{2}$ inches, screw joint.
- *B-517 **Providence Hospital**, curved, $5\frac{1}{2}$ inches, mortise joint.
- B-518 **Providence Hospital**, curved, $5\frac{1}{2}$ inches, screw joint.
- B-520 **Tait's**, straight, $4\frac{3}{4}$ inches, screw joint.
- *B-521 **Tait's**, curved, $4\frac{3}{4}$ inches, screw joint.
- B-525 **Pean's**, straight, aseptic or screw joint, $4\frac{1}{2}$ inches, 5 inches, $5\frac{1}{2}$ inches.



B-530



B-535-537



B-536

B-538

Haemostatic Forceps

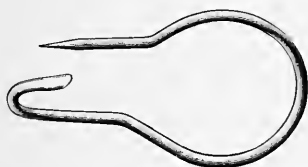
- B-530 Rochester-Carmalt's, curved, $6\frac{1}{4}$ inches, screw joint.
- *B-531 Rochester-Carmalt's, curved, $6\frac{1}{4}$ inches, mortise joint.
- *B-532 Rochester-Carmalt's, curved, $6\frac{1}{4}$ inches, mouse tooth, screw joint.
- *B-533 Rochester-Carmalt's, curved, $6\frac{1}{4}$ inches, mouse tooth, mortise joint.
- B-535 Rochester-Ochsner, straight, $6\frac{1}{4}$ inches, mouse tooth, screw joint.
- B-536 Rochester-Ochsner, straight, $6\frac{1}{4}$ inches, mortise joint.
- B-537 Rochester-Ochsner, straight, $7\frac{1}{4}$ inches, mouse tooth, screw joint.
- B-538 Rochester-Ochsner, straight, $7\frac{1}{4}$ inches, mortise joint.



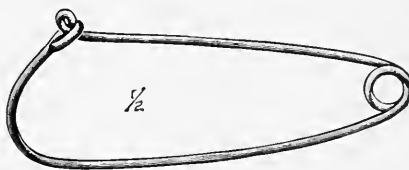
B-540

B-542

B-544



B-570



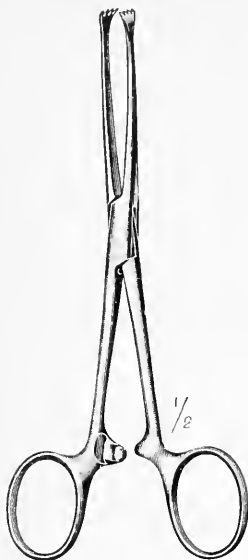
B-571

Haemostatic Forceps

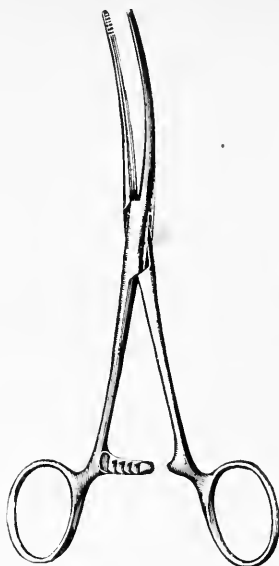
- B-540 **Rochester-Pean's**, straight, $6\frac{1}{4}$ inches, screw joint.
- B-542 **Rochester-Pean's**, curved, $6\frac{1}{4}$ inches, screw joint.
- *B-543 **Rochester-Pean's**, curved, $6\frac{1}{4}$ inches, mortise joint.
- B-544 **Pean's (Kelly-Pean's)**, curved, $6\frac{1}{4}$ inches, long jaw.
- *B-545 **Pean's**, straight, $6\frac{1}{4}$ inches, long jaw.

Forceps Rings or Holders

- B-570 **Bunt's** Forceps Ring or Holder, improved.
- B-571 **Bunt's** Forceps Ring or Holder, original.



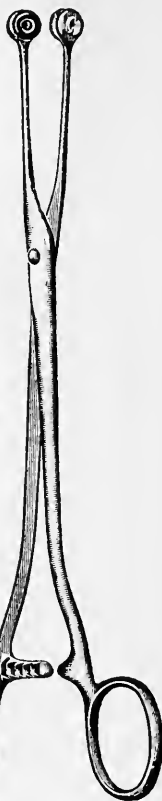
B-582



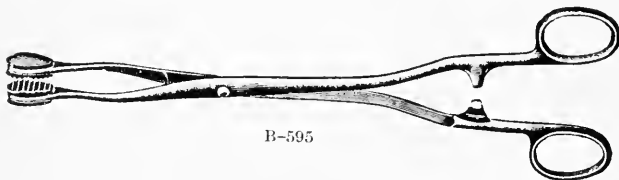
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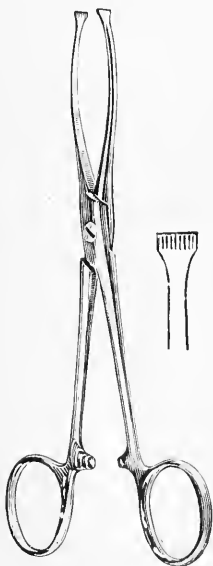
B-590



B-587-588



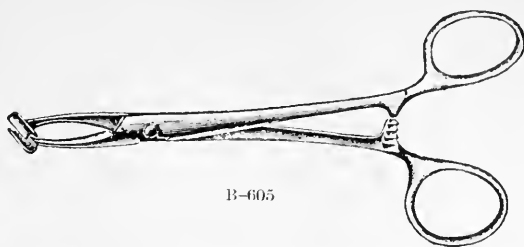
B-595



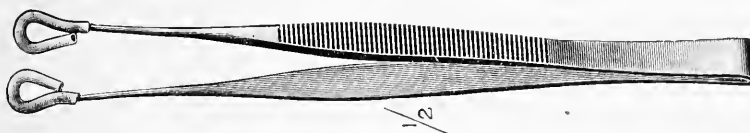
B-600

Intestinal and Marginal Tissue Forceps

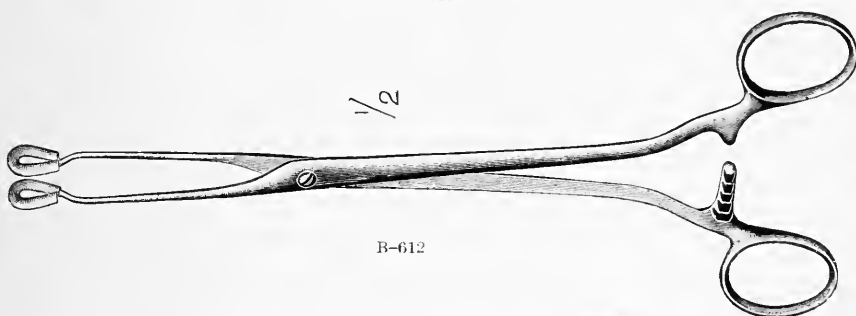
- *B-580 **Allis'**, end teeth, screw joint.
- B-582 **Allis'**, end teeth, mortise joint.
- B-584 **Bainbridge's**, curved, mortise joint.
- *B-585 **Bainbridge's**, straight, mortise joint.
- B-587 **Barrett's**, $6\frac{1}{4}$ inches, rubber jaws.
- B-588 **Barrett's**, $8\frac{1}{4}$ inches, rubber jaws.
- B-590 **Barrett-Murphy's**, 6 inches, spring, rubber jaws.
- B-595 **Child's**, $9\frac{3}{4}$ inches, rubber jaws.
- B-600 **Jackson's**, with heavy screw joint.



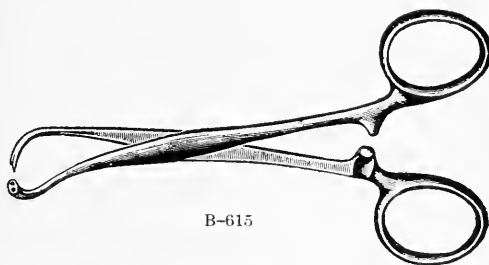
B-605



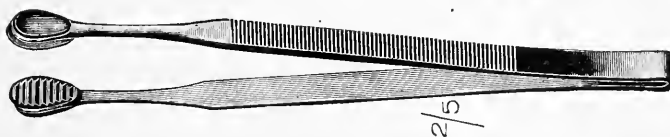
B-610



B-612



B-615



B-620

Intestinal and Marginal Tissue Forceps

- B-605 **Pratt-Smith's** T-shape.
- B-610 **Schoenberg's**, $7\frac{3}{4}$ inches, spring.
- B-612 **Schoenberg's**, $8\frac{3}{4}$ inches, ring handles.
- B-615 **Smith's** Marginal Tenaculum Forceps.
- B-620 **Young's**, 7 inches, rubber jaws, spring.



B-630



B-640



B-645



B-665-670



B-675



B-680



B-685



B-690

Dressing and Tissue Forceps

B-630 Dressing Forceps, 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 7 inches, 8 inches, 9 inches, 10 inches, 11 inches, 12 inches.

B-640 Dressing Forceps, **Kelly's**, 5 inches.

B-645 Tissue Forceps, 1 and 2 teeth, 4½ inches, 5 inches, 5½ inches, 6 inches.

*B-650 Tissue Forceps, 2 and 3 teeth, 4½ inches, 5 inches, 5½ inches, 6 inches.

*B-655 Tissue Forceps, 3 and 4 teeth, 4½ inches, 5 inches, 5½ inches, 6 inches.

*B-660 Tissue Forceps, 4 and 5 teeth, 4½ inches, 5 inches, 5½ inches, 6 inches.

B-665 Tissue Forceps, **Bonney's**, heavy, one and two teeth.

B-670 Tissue Forceps, **Bonney's**, heavy, two and three teeth.

B-675 Tissue Forceps, **Kelly's**, 5 inches, 1 and 2 teeth, 2 and 3 teeth, 3 and 4 teeth.

B-680 Tissue Forceps, **English** pattern, extra heavy, 7 inches.

B-685 Tissue Forceps, **Farka's**, 4 and 5 teeth, 5 inches.

B-690 Tissue Forceps, **Mayo's**, 8 and 9 teeth, 3½ inches.



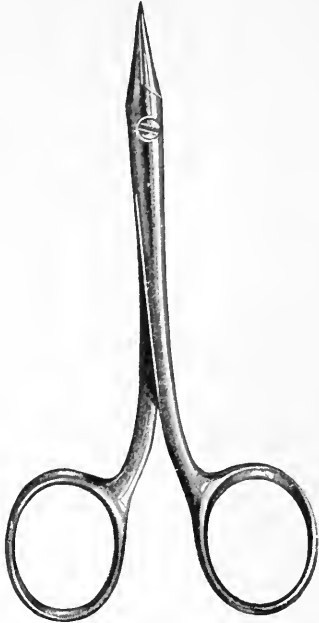
B-695



B-703



B-705



B-735



B-720



B-725



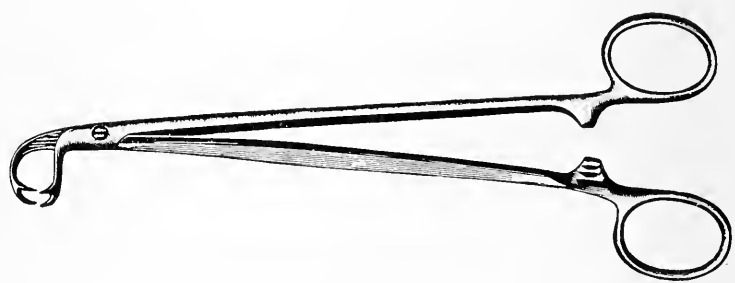
B-740

Dressing and Tissue Forceps

- | | | | |
|--------|--|--------|--|
| B-695 | Tissue Forceps, London pattern. | B-703 | Tissue Forceps, Roubaix's , angular, 5 inches, for suture work. |
| *B-700 | Tissue Forceps, Otto's , 5 $\frac{1}{4}$ inches, 4 and 5 teeth. | B-705 | Tissue Forceps, Russian , 6 inches. |
| *B-701 | Tissue Forceps, Roubaix's , straight, 5 inches, for suture work | *B-710 | Tissue Forceps, Stille's , 4 and 5 teeth, 5 inches. |

Splinter Forceps

- | | | | |
|--------|---|--------|--|
| B-720 | Carmalt's , straight, 4 $\frac{1}{2}$ inches. | *B-730 | Little's , 4 inches. |
| *B-721 | Carmalt's , curved, 4 $\frac{1}{2}$ inches. | B-735 | Physicians' Ring Handle. |
| B-725 | Feilchenfeld's , 3 inches, 4 $\frac{1}{2}$ inches. | B-740 | Plain, 2 $\frac{1}{2}$ inches, 3 inches, 3 $\frac{1}{2}$ inches, 4 inches. |



B-770

Towel Forceps

- | | | | |
|-------|---|--------|---|
| B-750 | Backhaus' , short, 3 inches. | B-758 | Doyen's , self-retaining, with ring. |
| B-755 | Backhaus' , long, 5¼ inches, screw lock. | B-760 | Jones.' |
| | | B-765 | Lane's. |
| B-756 | Backhaus' , long, 5¼ inches, with mortise joint. | *B-767 | Moynihan's , single prong. |
| | | B-776 | Moynihan's , double prong. |



B-778-779



B-780-781



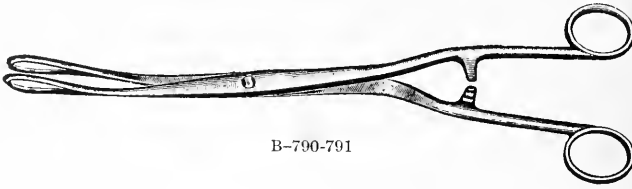
B-785

Sterilizer Forceps

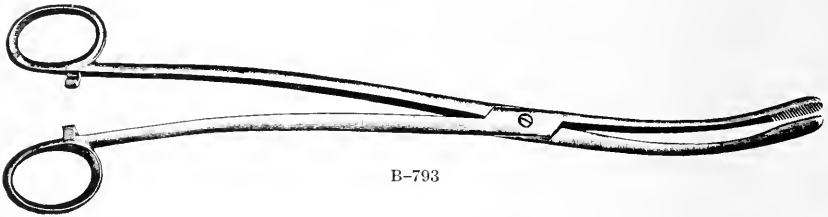
- | | | | |
|-------|------------------------|-------|-------------------------|
| B-778 | Van der Poel's, long. | B-780 | Three Prong, 8 inches. |
| B-779 | Van der Poel's, short. | B-781 | Three Prong, 12 inches. |

Iodine Sponge Forceps

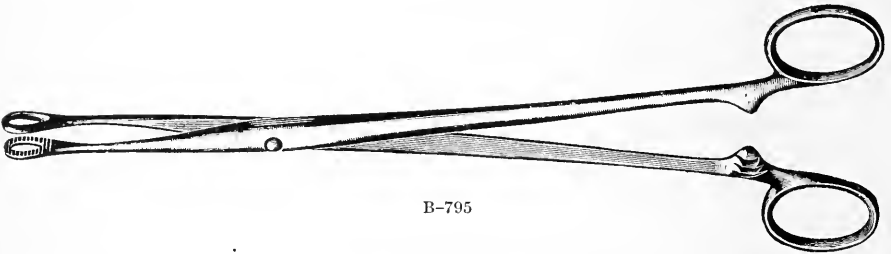
- B-785 Loth's, plain, aluminum jaws.



B-790-791



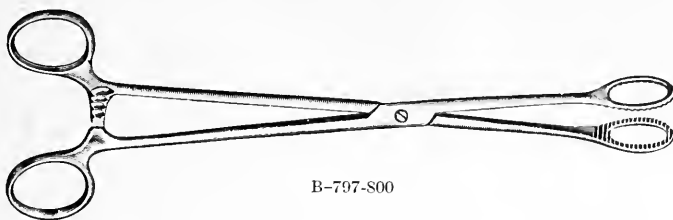
B-793



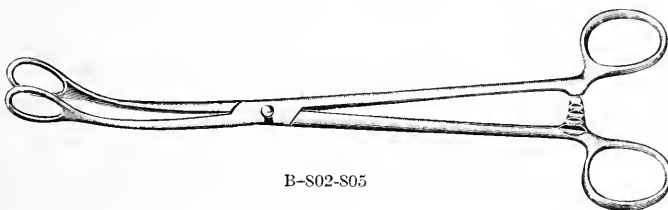
B-795

Sponge Holding Forceps

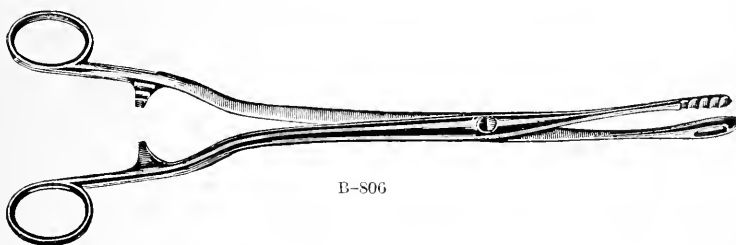
- B-790 **Bellevue**, plain blade.
- B-791 **Bellevue**, serrated blade.
- B-793 **De Lee's**, sponge holding and dressing, heavy.
- B-795 **Polk's**, sponge.



B-797-800



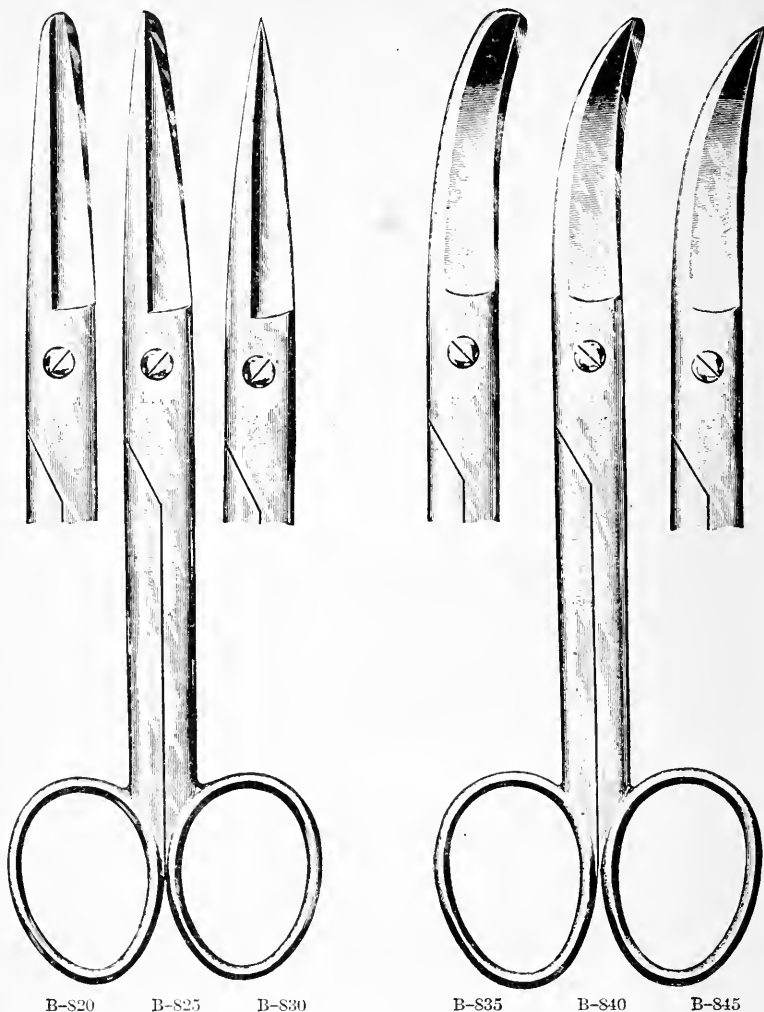
B-802-805



B-806

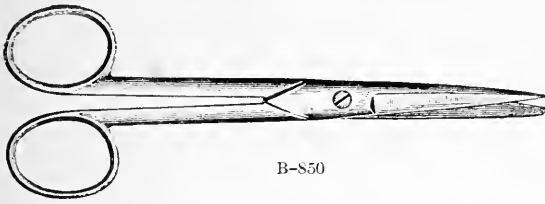
Sponge Holding Forceps

- B-797 **Foerster's**, straight, 7 inches, plain jaw.
- B-798 **Foerster's**, straight, 7 inches, serrated jaw.
- B-799 **Foerster's**, straight, 9½ inches, plain jaw.
- B-800 **Foerster's**, straight, 9½ inches, serrated jaw.
- B-802 **Foerster's**, curved, 7 inches, plain jaw.
- B-803 **Foerster's**, curved, 7 inches, serrated jaw.
- B-804 **Foerster's**, curved, 9½ inches, plain jaw.
- B-805 **Foerster's**, curved, 9½ inches, serrated jaw.
- B-806 **Haslam's**, combined sponge, dressing and seizing.
- *B-808 **Kelly's**.

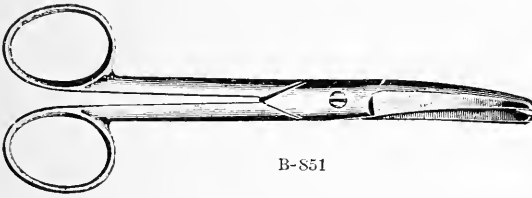


Operating Scissors

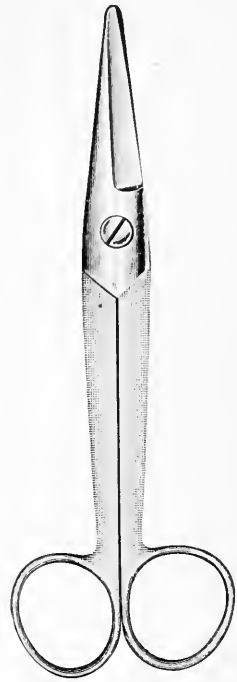
- B-820 Scissors, straight No. 1, two blunt points. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.
- B-825 Scissors, straight, No. 2, one blunt and one sharp point. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.
- B-830 Scissors, straight, No. 3, two sharp points. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.
- B-835 Scissors, curved on flat, No. 1, two blunt points. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.
- B-840 Scissors, curved on flat, No. 2, one blunt and one sharp point. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.
- B-845 Scissors, curved on flat, No. 3, two sharp points. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.



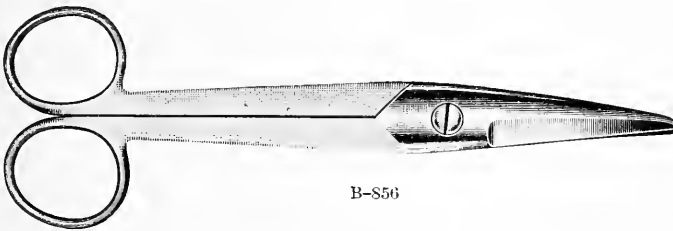
B-S50



B-S51



B-855



B-S56

Operating Scissors—Hand Forged

These scissors are made in the very latest Flat Form pattern, from English steel, and are hand forged throughout.

B-S50 **Deaver's**, straight, hand forged.

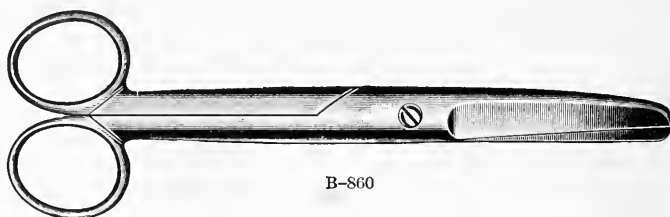
B-S51 **Deaver's**, curved on flat, hand forged.

B-855 **Noble's**, straight, $6\frac{1}{4}$ inches, hand forged.

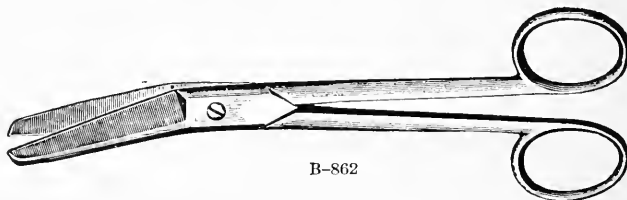
B-S56 **Noble's**, curved on flat, $6\frac{1}{4}$ inches, hand forged.

*B-S58 **Noble's**, straight, $6\frac{1}{4}$ inches, Mayo dissecting blades, hand forged.

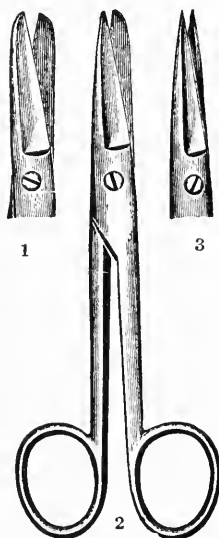
*B-S59 **Noble's**, curved on flat, $6\frac{1}{4}$ inches, Mayo dissecting blades, hand forged.



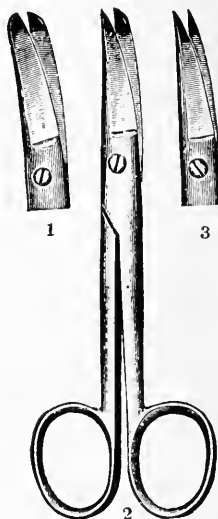
B-860



B-862



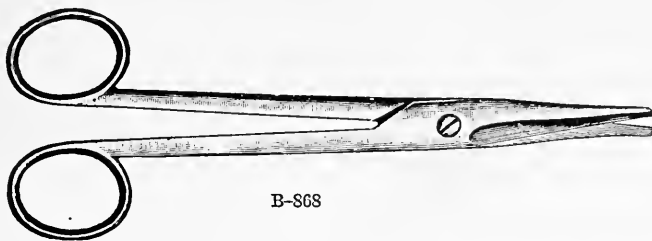
B-865



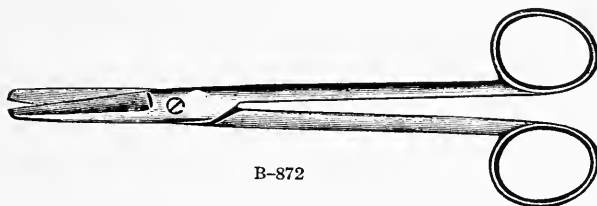
B-866

Operating Scissors

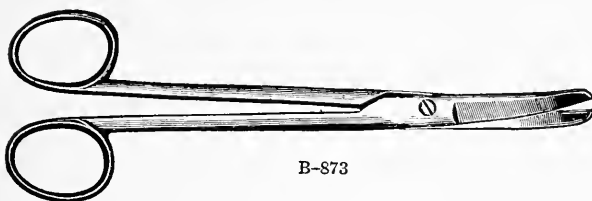
- B-860 **Doyen's**, straight, 7 inches, abdominal.
- *B-861 **Doyen's**, curved on flat, 7 inches, abdominal.
- B-862 **Ferguson's**, angled on flat, 7 inches, 8 inches.
- B-865 **Mayo's**, straight, 5 inches, 5½ inches.
- B-866 **Mayo's**, curved on flat, 5 inches, 5½ inches.



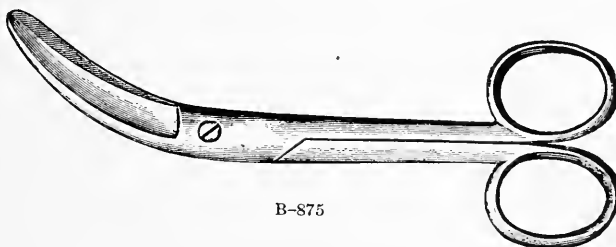
B-868



B-872



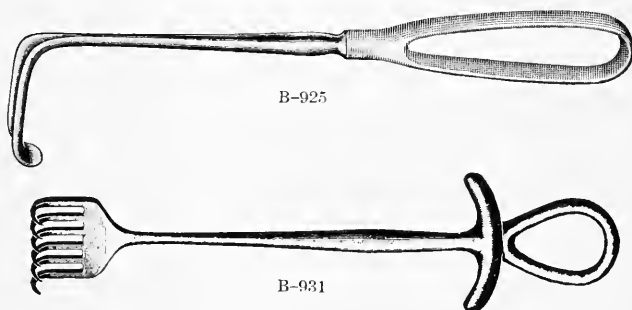
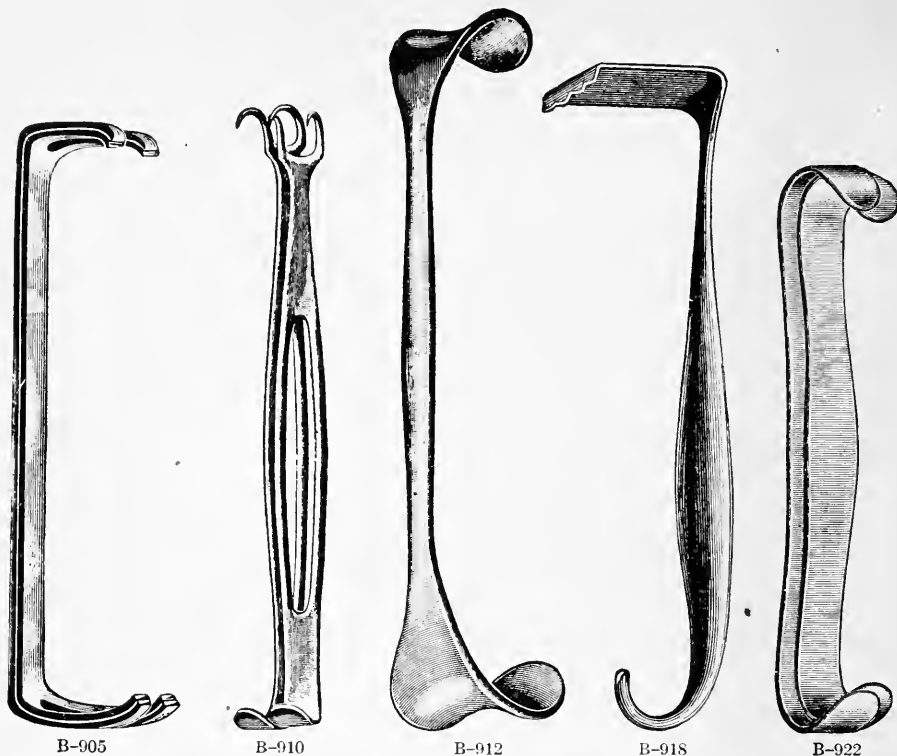
B-873



B-875

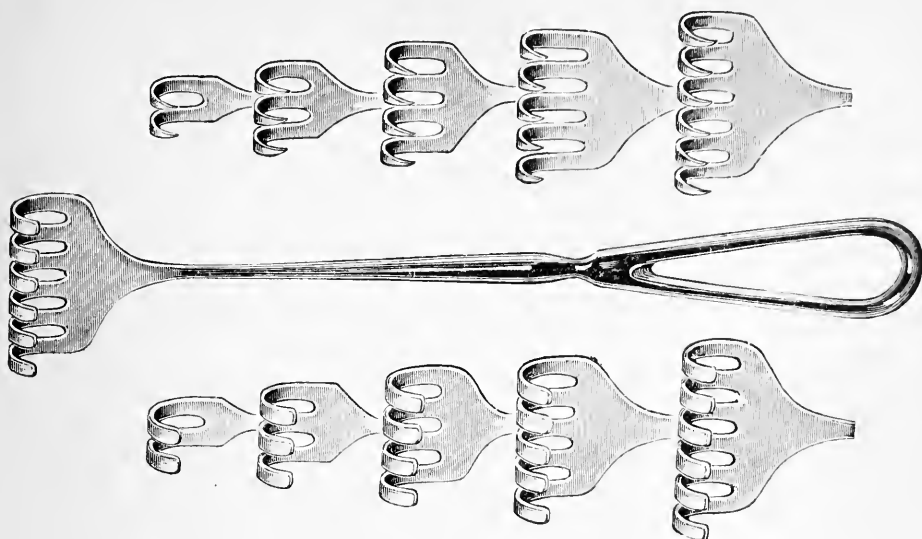
Operating Scissors

- B-868 **Mayo**, straight, dissecting, $5\frac{1}{2}$ inches, $6\frac{3}{4}$ inches.
- *B-870 **Mayo's**, curved on flat, dissecting, $5\frac{1}{2}$ inches, $6\frac{3}{4}$ inches.
- B-872 **Mixter's**, straight, 6 inches.
- B-873 **Mixter's**, curved on flat, 6 inches.
- B-875 **Vizien's**, curved on edge.

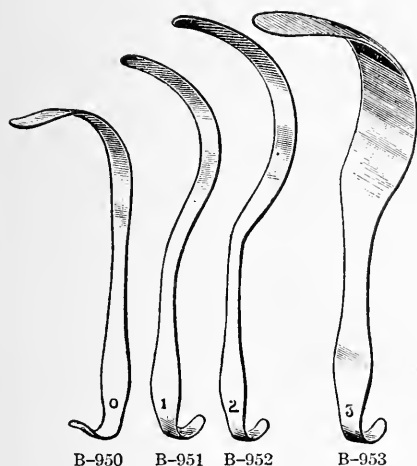


Retractors—General

- *B-900 **Bilroth's**, blunt, 3 prongs.
- B-905 **Collin's**, set of two, fenestrated.
- B-910 **Forwood's**, set of two.
- B-912 **Goelet's**, double.
- B-918 **Lange's**, major.
- *B-919 **Lange's**, minor.
- B-922 **Parker's**, set of 2, short, long.
- B-925 **Richardson's**, small, original.
- *B-930 **Schultz's**, blunt, 6 prongs.
- B-931 **Schultz's**, sharp, 6 prongs.
- B-935 **U. S. Army**, steel, set of two.



B-940-945

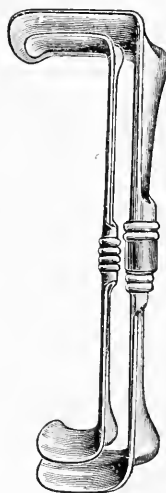


B-950

B-951

B-952

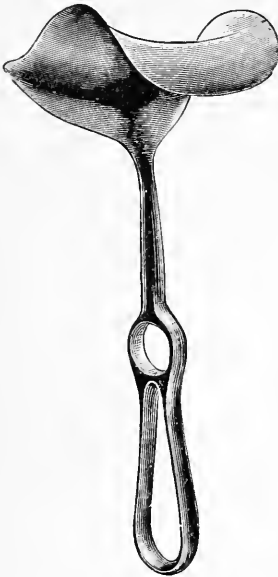
B-953



B-954

Retractors—General

- B-940 **Volkman's**, sharp, 2 prongs, 3 prongs, 4 prongs, 5 prongs, 6 prongs.
- B-945 **Volkman's**, blunt, 2 prongs, 3 prongs, 4 prongs, 5 prongs, 6 prongs.
- B-950 **Deaver's**, short, 1 inch wide.
- B-951 **Deaver's**, long, 1 inch wide.
- B-952 **Deaver's**, extra long, 1 inch wide.
- B-953 **Deaver's**, extra long, 2 inches wide.
- B-954 **Eastman-Richardson's**, double ended, set, nested; blades $\frac{3}{4} \times 2$ inches and $2 \times 2\frac{1}{2}$ inches.



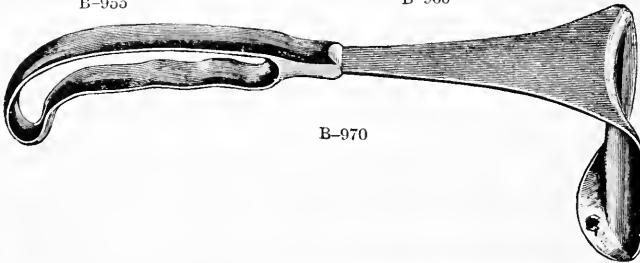
B-955



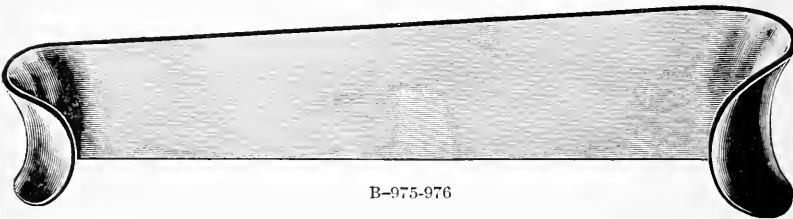
B-960



B-966



B-970



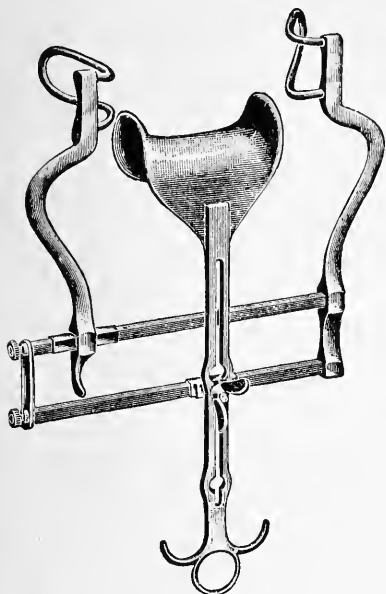
B-975-976



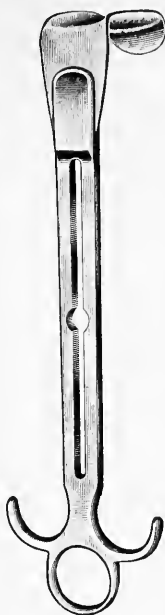
B-980

Retractors—General

- B-955 Donoghue's, 3 sizes,
- B-960 Doyen's, thin steel blade.
- *B-965 Fritsch's, small.
- B-966 Fritsch's, large.
- B-970 Kelly's, original model, 4 sizes.
- B-975 Roux's, double ended, blades $\frac{7}{8}$ and $1\frac{1}{2}$ inches wide.
- B-976 Roux's, double ended, blades $1\frac{3}{8}$ and $1\frac{7}{8}$ inches wide.
- B-980 Studdiford's.



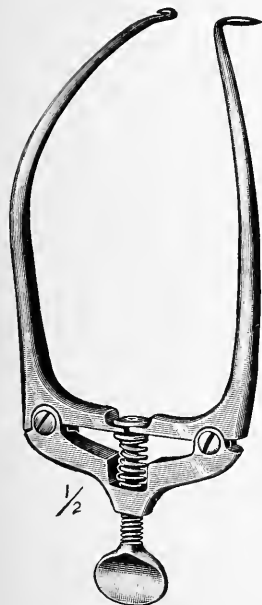
B-990



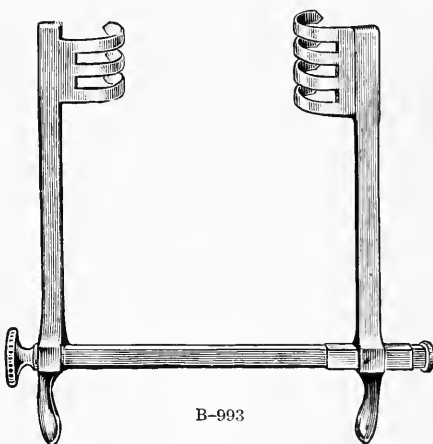
B-991



B-995



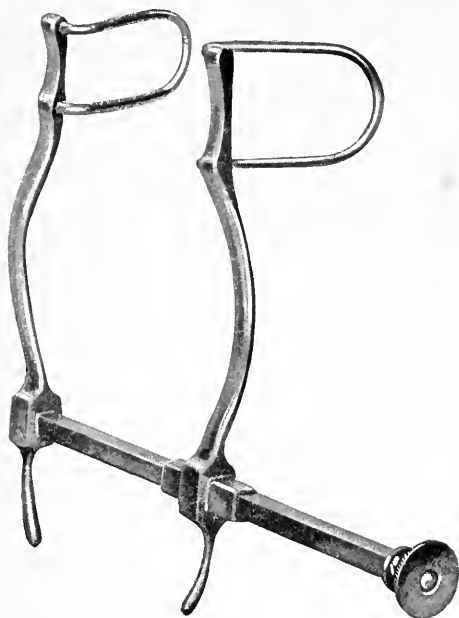
B-998



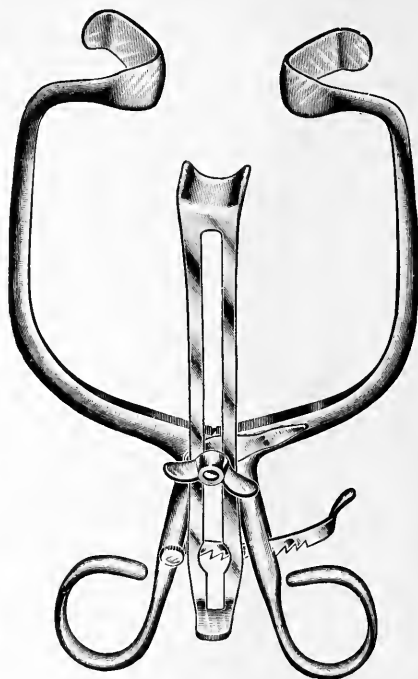
B-993

Retractors—Self Retaining

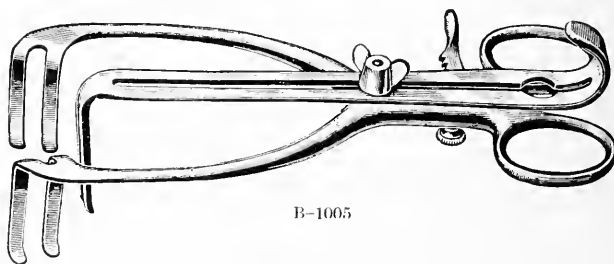
- B-990 **Balfour's.**
- B-991 **Balfour's**, narrow blade only.
- B-993 **Frazier's**, laminectomy.
- B-995 **Gelpi's**, perineal.
- B-998 **Gelpi's**, modified by **Pitkin**, perineal.



B-1000-1001



B-1008



B-1005

Retractors—Self Retaining

- B-1000 **Cossert's**, self retaining, large.
- B-1001 **Cossert's**, self retaining, small.
- B-1005 **Mayo-Collins'**, for appendectomy and herniotomy.
- *B-1006 **Mayo's** (Dr. W. J.), for appendectomy and herniotomy. This retractor is the same as B-1005, minus the third blade.
- B-1008 **Mayo-Collins'-Simpson's**, abdominal.
- *B-1010 **Mayo-Simpson's**, abdominal. This retractor is the same as B-1008, minus the third blade.



B-1050



B-1054



B-1055



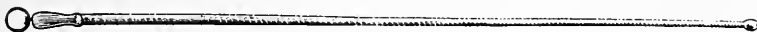
B-1057



B-1070



B-1060 1062 B-1063 1064



B-1072



B-1074

Directors, Probes, etc.

- B-1050 Director, **Boyd's**, hernia.
- *B-1052 Director, grooved, with aneurism needle, plated.
- B-1054 Director, grooved, with tongue tie, plated.
- B-1055 Director, grooved, with tongue tie, probe point, plated.
- B-1057 Director, **Kocher's**.
- B-1060 Probe, with eye, plated, 4½ inches, 5 inches, 5½ inches, 6 inches, 8 inches, 10 inches, 12 inches.
- B-1062 Probe, with eye, silver, same lengths as B-1060.
- B-1063 Probe, spear point, plated, same lengths as B-1060.
- B-1064 Probe, spear point, silver, same lengths as B-1060.
- B-1070 Probes, **Desjardine's**, gall stone, 3 sizes.
- B-1072 Probe, **Faenger's**, spiral, for gall duct; can also be used as a catheter.
- B-1074 Probe, **Mayo's**, block tin, with scoop and director, for gall duct.



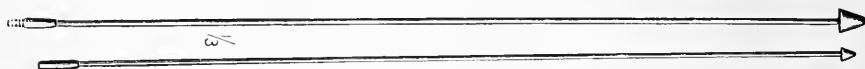
B-1080



B-1085



B-1086

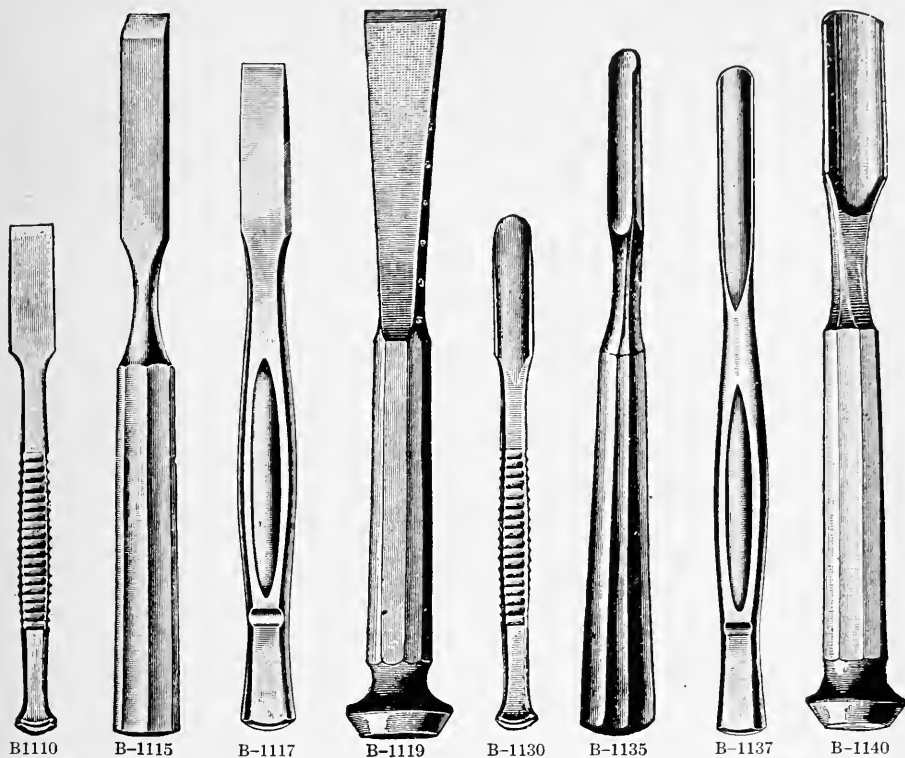


B-1090



B-1095

- B-1080 Spoon, **Beck's**, for depressing the intestines in suturing the peritoneum.
- B-1085 Tucker, **Mayo-Boldt's**, for tucking in the cuff of the appendix.
- B-1086 Tucker and Packer, **Mayo-Kelly's**.
- B-1090 Vein Stripper, **Babcock's**, jointed.
- B-1095 Vein Stripper, **Mayo's**, 3 sizes, for stripping or dissecting varicose veins.



Chisels

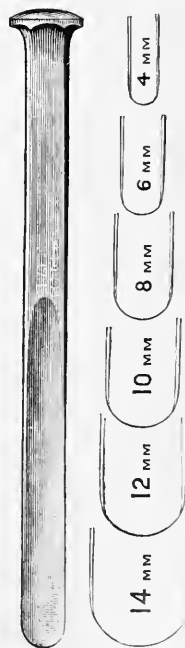
- B-1110 Plain, 3 widths.
- B-1115 **Bruns'**, 3 widths.
- B-1117 **Gutsch's**, 3 widths.
- B-1119 **McEwen's**, 3 widths.
- B-1120 **U. S. A.** pattern, bevel edge, 6, 11 and 14 mm.
- B-1121 **U. S. A.** pattern, osteotome edge, 6, 11 and 14 mm.

Gouges

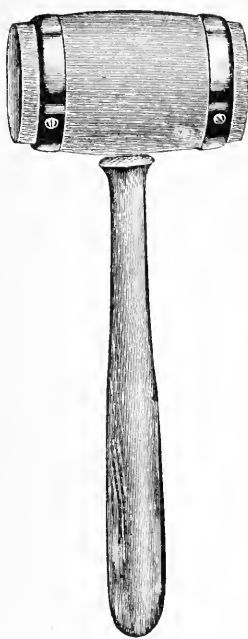
- B-1130 Plain, 3 widths.
- B-1135 **Bruns'**, 3 widths.
- B-1137 **Gutsch's**, 3 widths.
- B-1140 **McEwen's**, 3 widths.
- *B-1142 **Scymanowsky's**, large.
- B-1145 **U. S. A.** pattern, 6 widths.



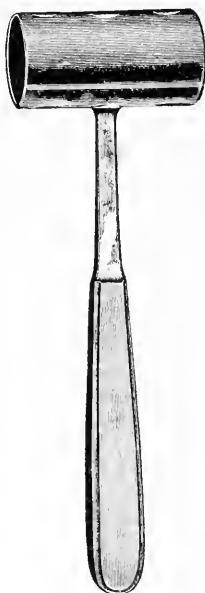
B-1121



B-1145



B-1160



B-1162



B-1164



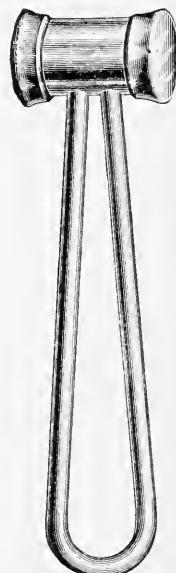
B-1166



B-1168



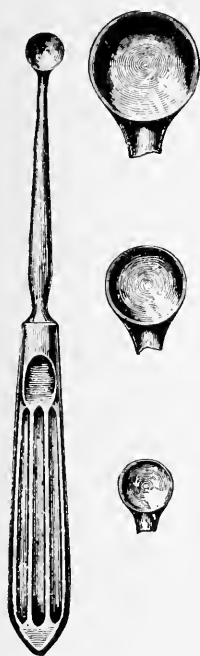
B-1170



B-1172

Mallets

- B-1160 **Boxwood**, plain, metal bound.
- B-1162 **Fibre**, metal handle.
- B-1164 **Hajek's**.
- B-1166 **Jansen's**, small.
- B-1168 **Lead**, regular.
- B-1170 **Lead**, extra small.
- B-1172 **Morgan's**, hard copper.
- *B-1175 **Rawhide**, small, large.



B-1190



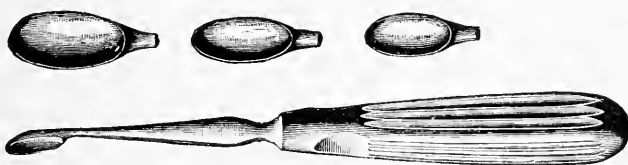
B-1195



B-1197



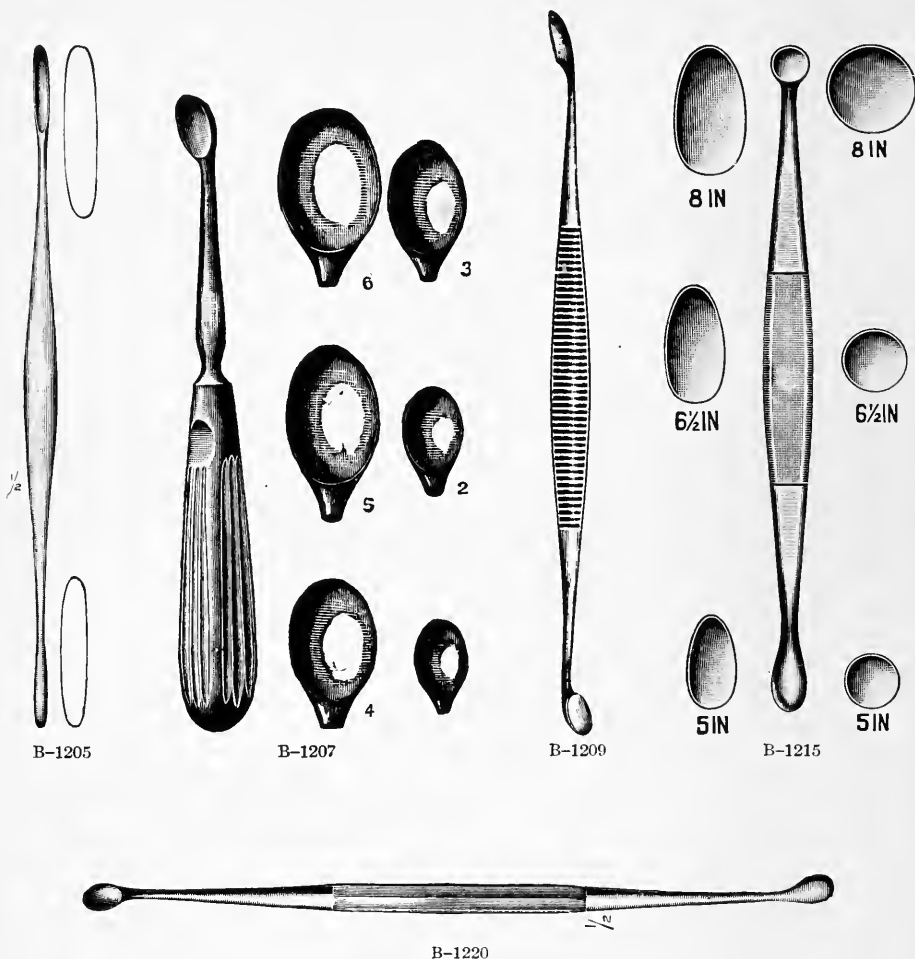
B-1200



B-1202

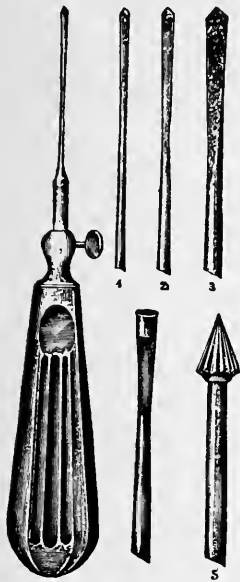
Bone Curettes

- B-1190 **Brun's**, 3 sizes.
- B-1195 **Farabeuf's**, curved, 1 size.
- B-1197 **Ferguson's**, combined with periosteotome.
- B-1200 **Luer's**, 3 sizes, same as No. 1190.
- B-1202 **Schede's**, 3 sizes.



Bone Curettes

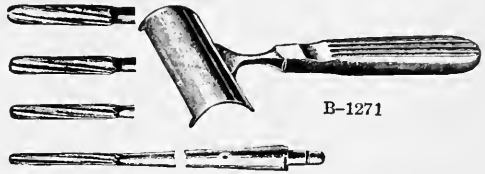
- B-1205 **Simon's**, bone sinus, double ended.
- B-1207 **Volkman's**, 6 sizes.
- B-1209 **Volkman's**, oval, double end, $4\frac{1}{2}$ inches, 5 inches, $5\frac{1}{2}$ inches, $6\frac{1}{2}$ inches, $7\frac{1}{2}$ inches.
- B-1215 **Volkman's**, round and oval end, improved pattern, 5 inches, $6\frac{1}{2}$ inches, 8 inches.
- B-1220 **Volkman's**, double end, English pattern, 8 inches.



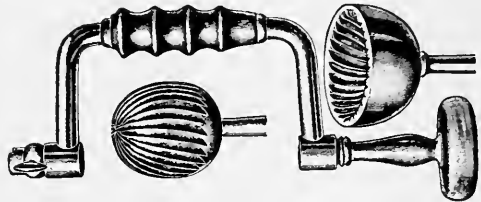
B-1250



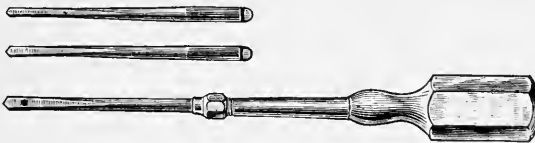
B-1253



B-1271



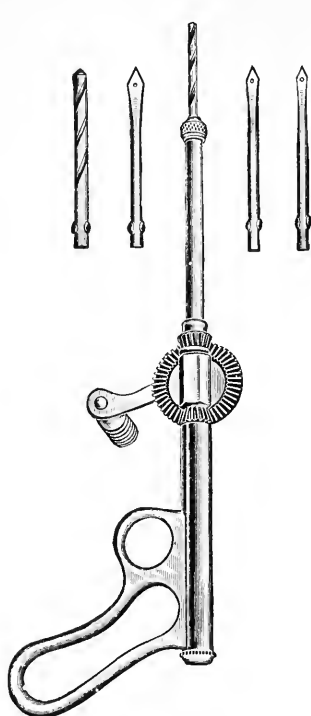
B-1270



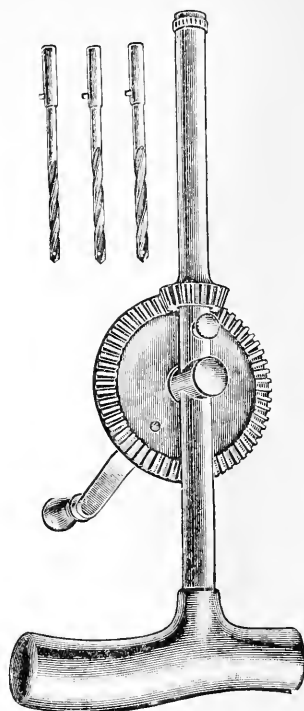
B-1265

Bone Drills

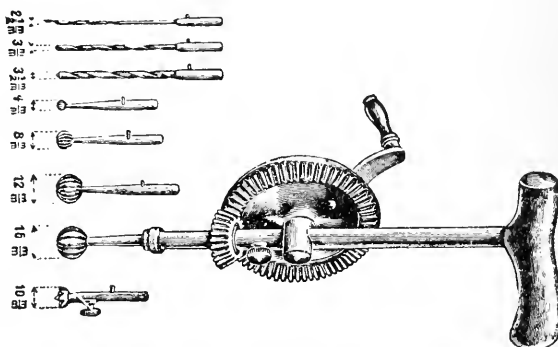
- B-1250 **Brainard's**, set of 5 drills.
- *B-1251 **Brainard's**, set of 5 drills, with hollow handle for holding drills.
- B-1253 **Esmarch's**, plain.
- *B-1255 **Hamilton's**, with 6 drills, hollow handle for holding drills.
- B-1265 **Lane's**, set of 3 drills.
- B-1270 **Murphy's**, set of Medulla Reamers, $7\frac{1}{4}$ inches, complete with brace.
- B-1271 **Murphy's**, retractor guide.



B-1275



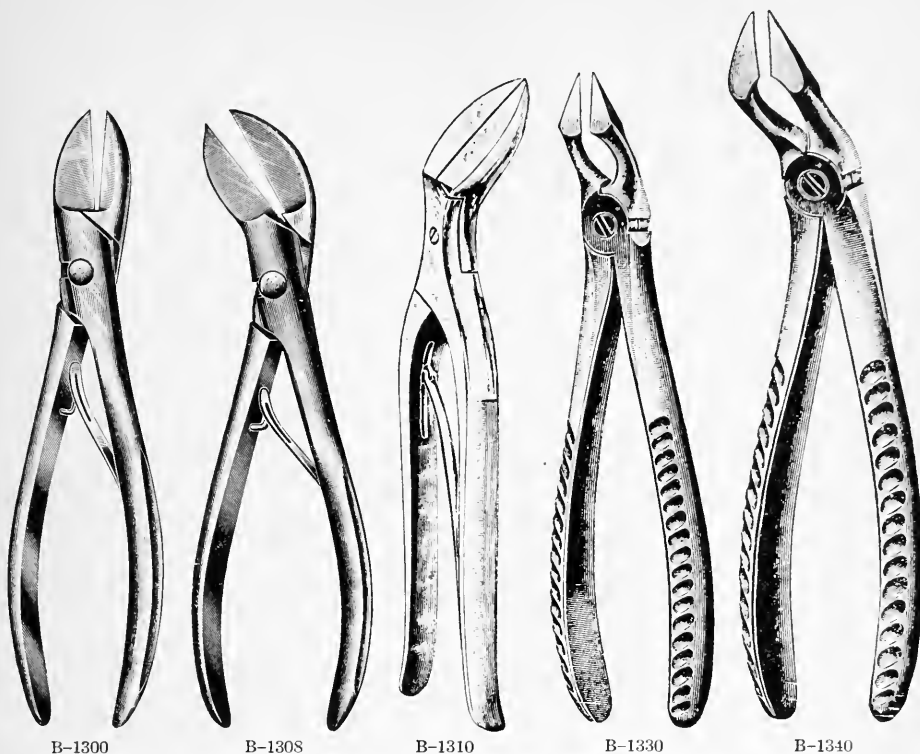
B-1285



B-1280

Bone Drills

- *B-1273 **Richter's**, pistol grip, set of 6 drills with hollow handle for holding drills.
- B-1275 **Richter's**, pistol grip, set of 6 drills, with long shank for deep bone work and with chuck jaw.
- B-1280 **Stille's**, set of 3 drills, 4 burs and 1 crown.
- B-1285 **Stille-Sherman's**, complete with 3 points.



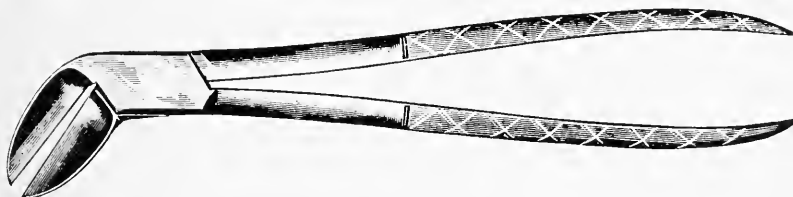
B-1300

B-1308

B-1310

B-1330

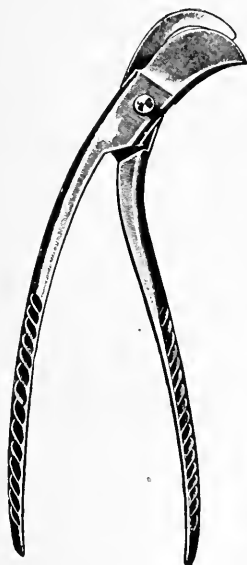
B-1340



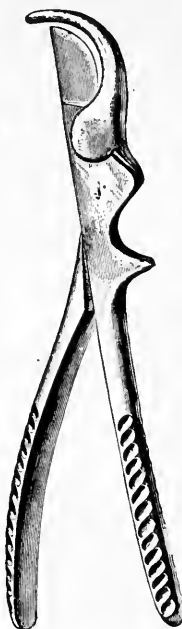
B-1315

Bone Cutting Forceps

- B-1300 **Liston's**, straight, $5\frac{3}{4}$ inches, $6\frac{3}{4}$ inches, $7\frac{3}{4}$ inches, $8\frac{3}{4}$ inches, 10 inches, 11 inches.
- *B-1305 **Liston's**, straight, with straight form of handle, $7\frac{3}{4}$ inches, $8\frac{3}{4}$ inches.
- B-1308 **Liston's**, curved on flat, $5\frac{3}{4}$ inches, $6\frac{3}{4}$ inches, $7\frac{3}{4}$ inches, $8\frac{3}{4}$ inches, 10 inches, 11 inches.
- B-1310 **Liston's**, curved on flat, with straight form of handle, $7\frac{3}{4}$ inches, $8\frac{3}{4}$ inches.
- *B-1312 **Liston's**, angular, 7 inches, $8\frac{3}{4}$ inches.
- B-1315 **Liston-Mayo's**, angular, 12 inches.
- *B-1320 **Liston-Issac's**, bayonet shape.
- *B-1325 **Liston's**, double jointed, very powerful.
- B-1330 **Horsley's**, double curved, 7 inches.
- *B-1332 **Horsley's**, straight, fine prismatic points, 7 inches.
- *B-1334 **Horsley's**, with crank bend, acute angle, fine prismatic points, $7\frac{3}{4}$ inches.
- *B-1336 **Horsley's**, with crank bend, fine prismatic points, 7 inches.
- *B-1338 **Horsley's**, with double bend, $10\frac{1}{2}$ inches.
- B-1340 **Horsley's**, with double bend, $7\frac{3}{4}$ inches, acute angle.
- *B-1345 **Satterlee's**.
- *B-1350 **Velpeaux's**, maxillary.



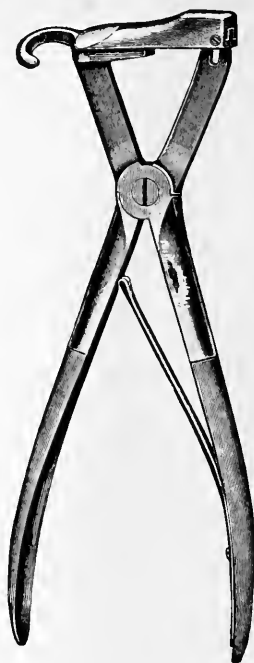
B-1360



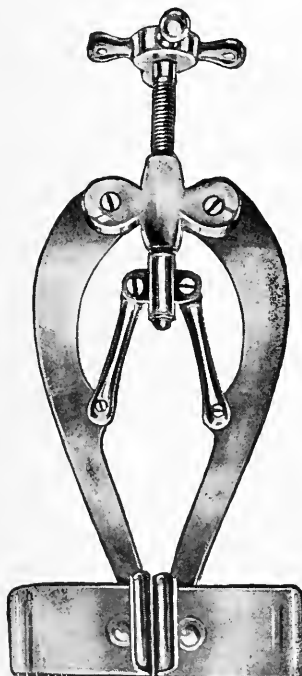
B-1364-1365



B-1369



B-1375



B-1388

Bone Shears, Rib, and Rib Spreaders

- B-1360 Collin's, rib.
- *B-1362 Doyon's, rib.
- B-1364 Gluck's, rib, small.
- B-1365 Gluck's, rib, large.
- *B-1367 Mathieu's, rib, full curved.
- B-1369 Plain, rib.
- *B-1371 Plain, rib, eccentric, with sliding blade.
- B-1375 Schoemaker's, rib.
- *B-1380 Stille's, rib.

Rib Spreaders

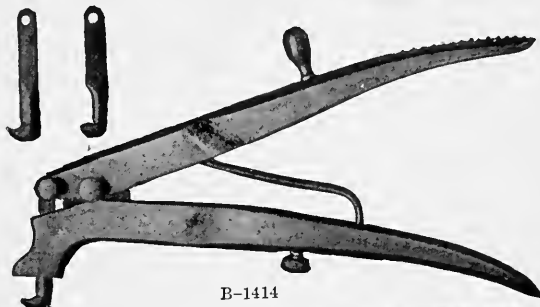
- *B-1385 Lilienthal's.
- B-1388 McGuire's.
- *B-1390 Mikulicz-Friederich's.
- *B-1395 Sauerbruck's.
- *B-1400 Tuffier's.



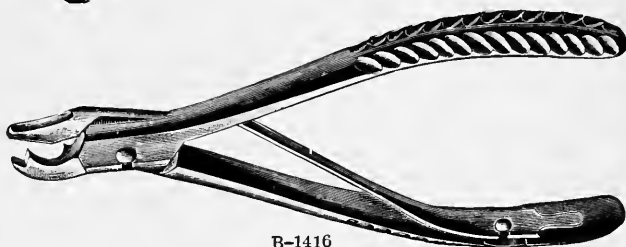
B-1410



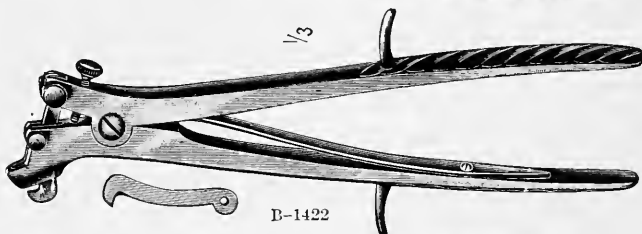
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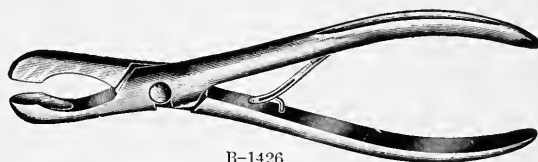
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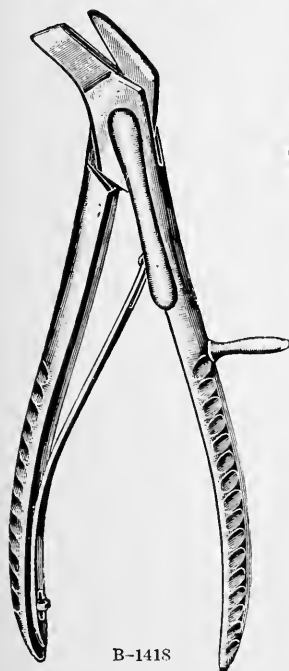
B-1416



B-1422



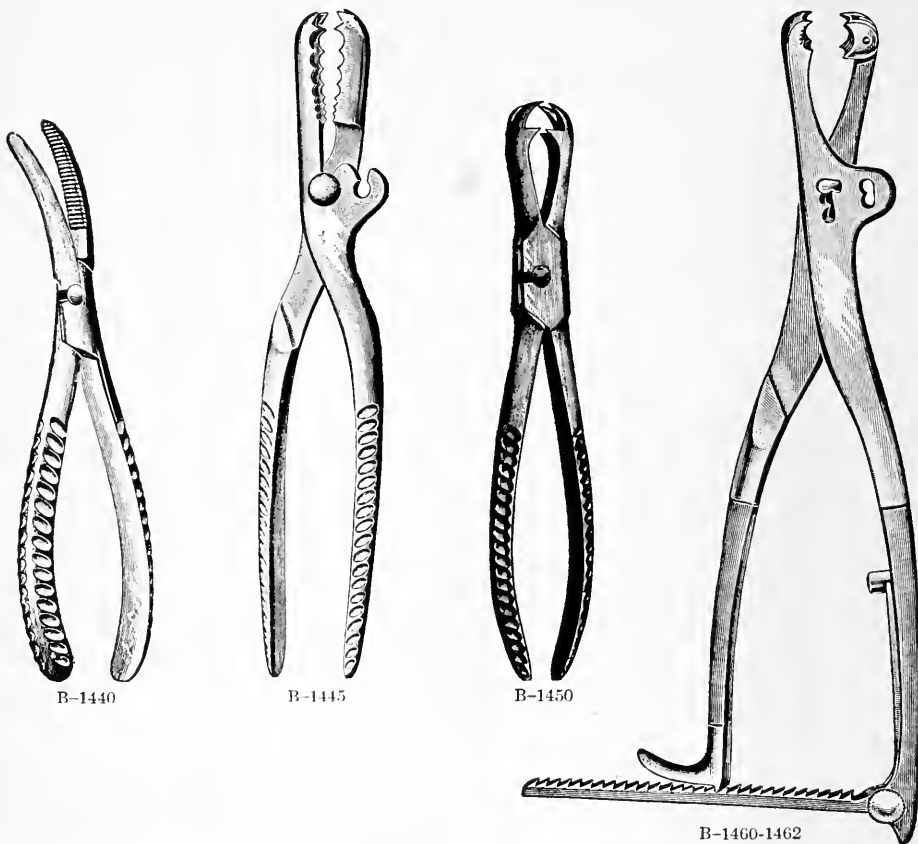
B-1426



B-1418

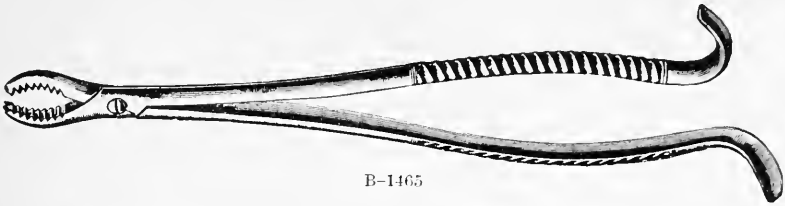
Bone Gouging Forceps

- B-1410 **Dahlgren's**, cranial, with 2 hooks.
- B-1412 **Darby's**.
- B-1414 **DeVilbiss's**, cranial.
- B-1416 **Doyen's**, cranial.
- B-1418 **Hoffman's**, angular.
- *B-1420 **Hopkin's**, cranial and spinal.
- B-1422 **Hudson's**, cranial, with extra blade.
- *B-1424 **Lombard's**, bayonet shape.
- B-1426 **Luer's**, straight.
- *B-1428 **Luer's**, curved on flat.



Bone Holding Forceps

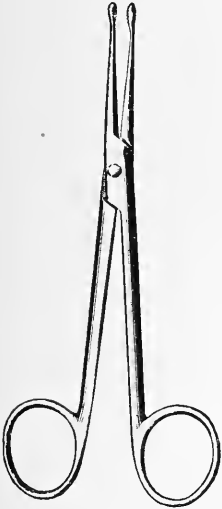
- B-1440 Plain Sequestrum Forceps, curved sideways.
- B-1445 **Farabeuf's**, double articulation.
- *B-1446 **Farabeuf-Lambotte's**, double articulation, with ratchet.
- B-1450 **Ferguson's**, lion jaw.
- *B-1455 **James'**, angular, for holding bone plate and bone at the same time.
- *B-1456 **James'**, straight, for holding bone plate and bone at same time.
- B-1460 **Lambotte's**, small, $8\frac{3}{4}$ inches.
- B-1461 **Lambotte's**, medium, $10\frac{3}{4}$ inches.
- B-1462 **Lambotte's**, large, $12\frac{3}{4}$ inches.



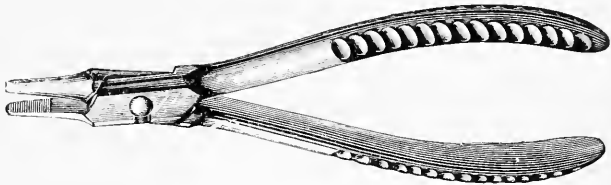
B-1465



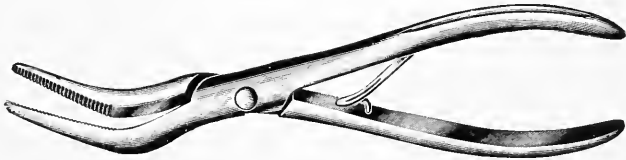
B-1467



B-1470



B-1480



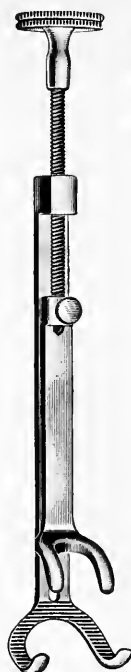
B-1485

Bone Holding Forceps

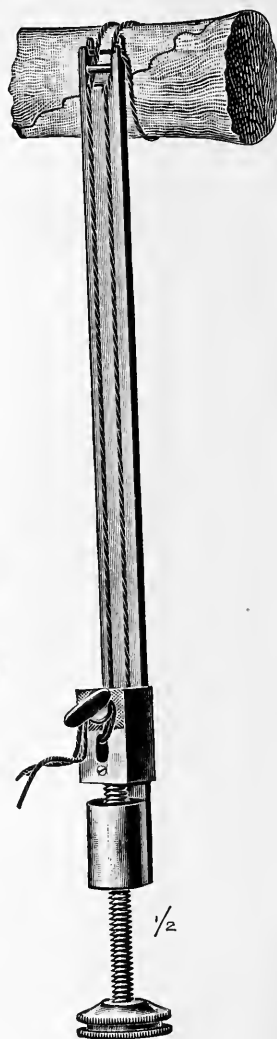
- B-1465 **Lane's**, original model, 12 inches.
- B-1467 **Lane's**, improved model, 12 inches, 17½ inches.
- B-1470 **Lister's**, spiculae, for picking up bone fragments.
- *B-1472 **Mathieu's**, straight, sequestrum.
- *B-1474 **Mathieu's**, curved on edge, sequestrum.
- *B-1476 **Mathieu's**, angled on edge, sequestrum.
- B-1480 **Post's**, toe nail.
- B-1485 **VanBuren's**, bayonet shape, sequestrum.



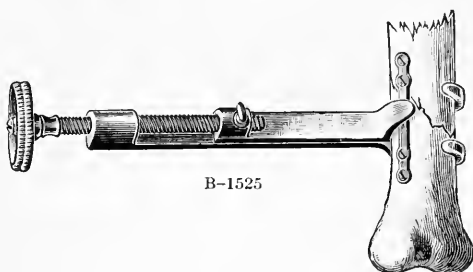
B-1500



B-1520



B-1510



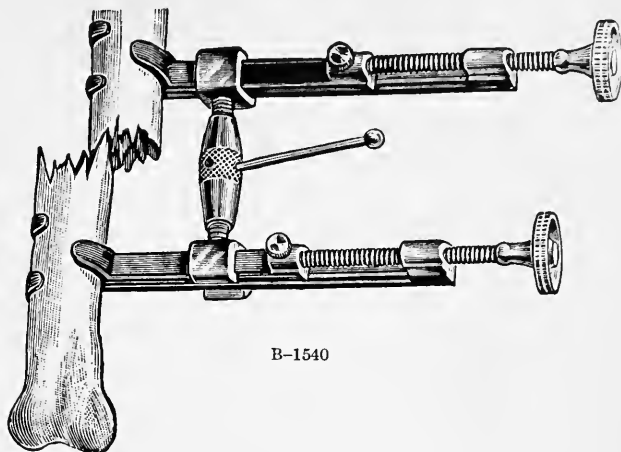
B-1525

Bone Holding Clamps

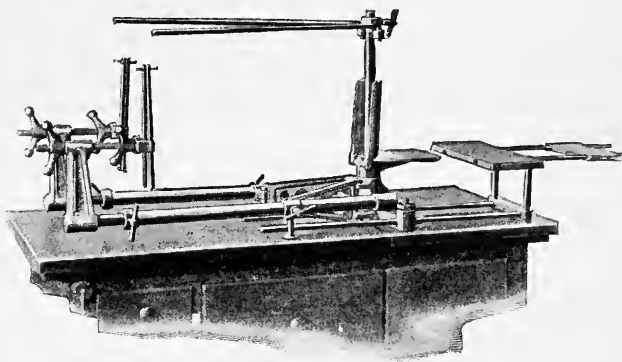
- B-1500 **Collin's** Bone Fracture Clamp and Bands.
- *B-1505 **Gerster-Lowman's** Bone Holding Clamp.
- B-1510 **Hawley's** Bone Holding Clamp.
- B-1520 **Lambert-Lowman's** Bone Holding Clamp.
- B-1525 **Lowman's** Bone Holding Clamp.
- *B-1530 **Magnusson's** Bone Holding Clamp.



B-1535



B-1540



B-1550

Bone Holding Clamps

B-1535 **Parham and Martin's** Clasp and 2 bands.

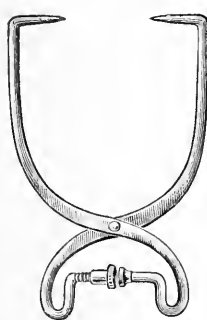
Bone Holder Turnbuckles

B-1540 **Gerster's** Turnbuckle.

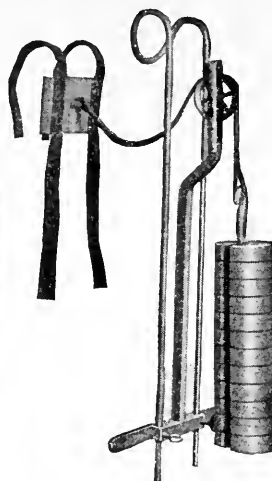
*B-1545 **Haslam's** Turnbuckle.

Bone Traction Apparatus

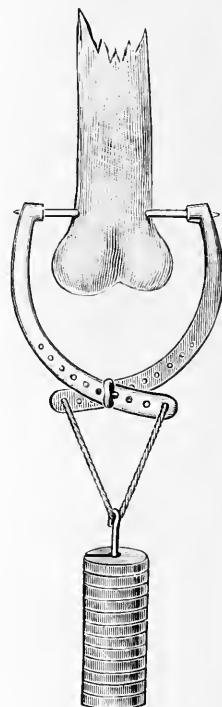
B-1550 **Echols'** Traction Apparatus, latest improvement, for attachment to table.



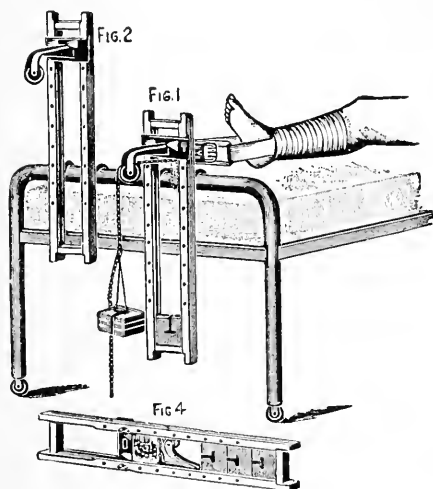
B-1555



B-1560



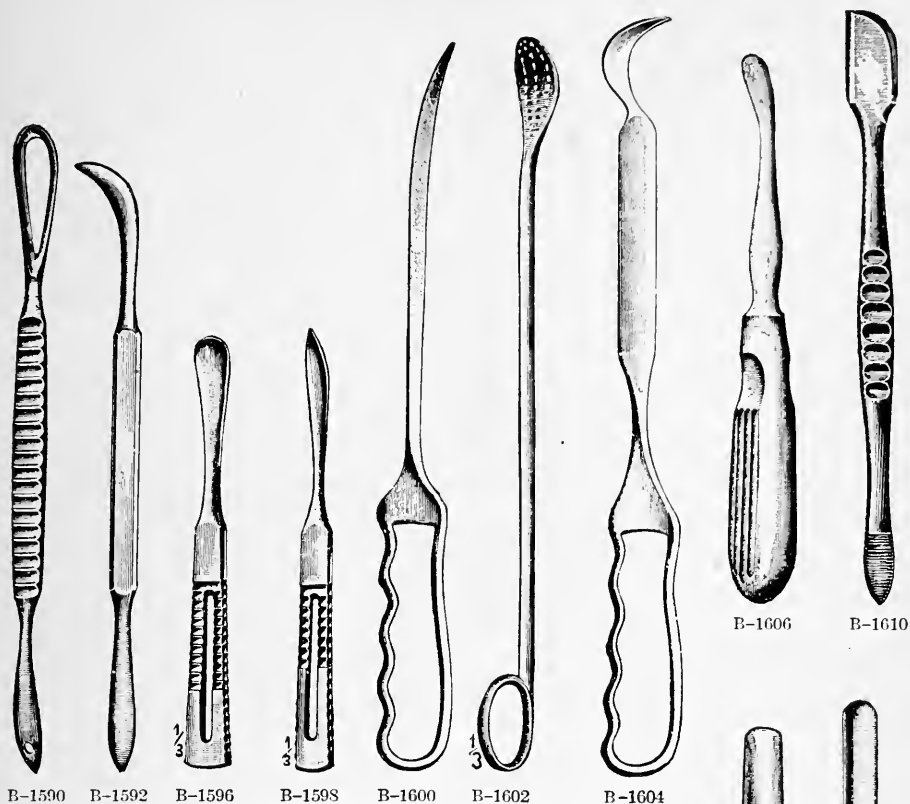
B-1575



B-1565

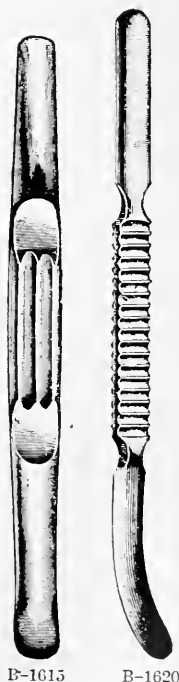
Bone Traction and Extension Apparatus

- B-1555 **Edmonton's** Extension Tongs with rope.
- B-1560 **Frazier's** Extension Apparatus, including weights.
- B-1565 **Gorham's** Extension Apparatus, complete.
- *B-1570 **Levis'** Extension Apparatus, complete.
- B-1575 **Steinmann's** Extension Apparatus, with 5 jointed steel needles and weights.



Pereosteal Elevators

- B-1590 Adams' Dry Dissector, double.
- B-1592 Allis' Dry Dissector.
- *B-1594 Durham's, double ended, elevator and dissector.
- B-1596 Lane's Detacher or Elevator, broad.
- B-1598 Lane's Detacher or Elevator, narrow.
- B-1600 Lane's Detacher and Dissector, sharp pointed.
- B-1602 Lane's Elevator and Retractor, ring handle.
- B-1604 Lane's Elevator and Retractor, improved.
- B-1606 Massachusetts General Hospital Pattern.
- B-1610 Plain, with raspatory.
- B-1615 Sayre's, double ended, blunt.
- B-1620 Watson-Cheyne's double-ended, dissector.





B-1625



B-1630



B-1633



B-1635



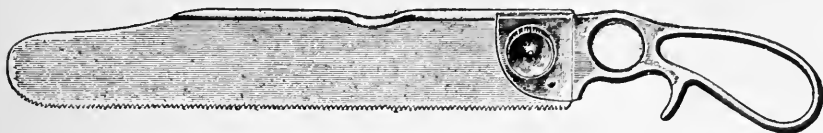
B-1638



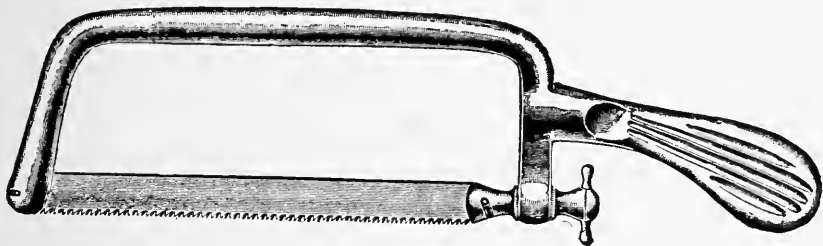
B-1640

Raspatories

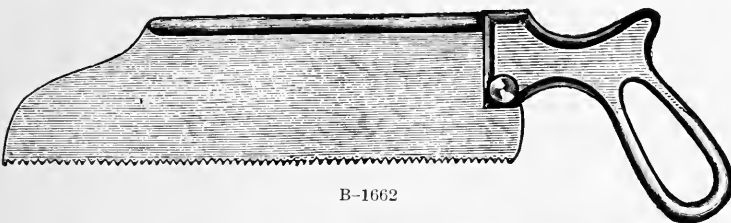
- B-1625 **Doyen's**, for costal periosteum.
- *B-1627 **Friedrich's**, for costal periosteum, 3 sizes.
- B-1630 **Langenbeck's**, angular bent.
- *B-1631 **Langenbeck's**, hook shape.
- B-1633 **Mathieu's**, straight, convex, concave.
- B-1635 **Ollier's**, round.
- *B-1636 **Ollier's**, knife shape.
- B-1638 **Sayre's**, double ended, sharp.
- B-1640 **Sedillot's**.



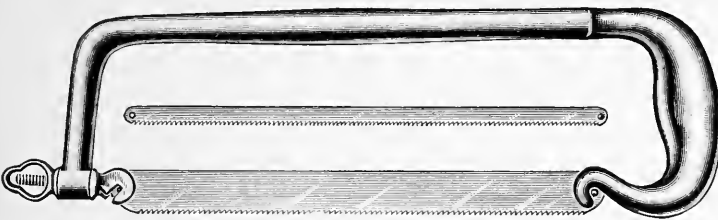
B-1650



B-1655



B-1662



B-1664



B-1668

Capital Saws

- B-1650 **Charriere's**, 6 inches, 7 inches, 8 inches,
9½ inches.
B-1655 **Charriere's**, bow, with 2 blades.
*B-1660 **Parker's**.
*B-1661 **Reiner's**, bow, American pattern.
B-1662 **Satterlee's**.
B-1664 **U. S. Army Bow Saw**.

Chain Saws

- *B-1666 **Jeffrey's**.

Metacarpal Saws

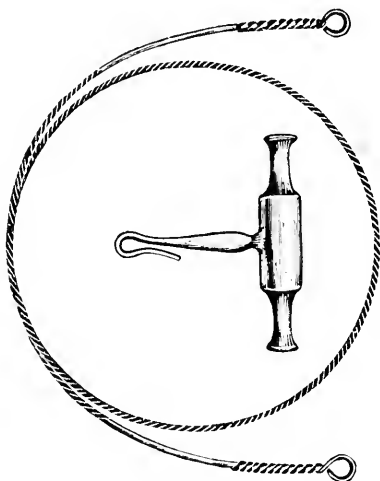
- B-1668 **Langenbeck's**, plain.
*B-1670 **Lente's**, exsection, subcutaneous.

Skull Saws

- *B-1675 **Doyen's**, with guard.
B-1677 **Hey's**.



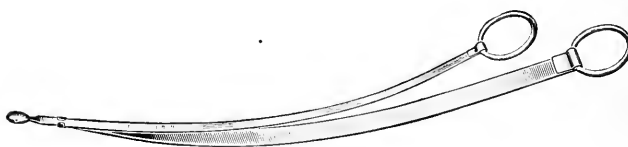
B-1677



B-1680-1683



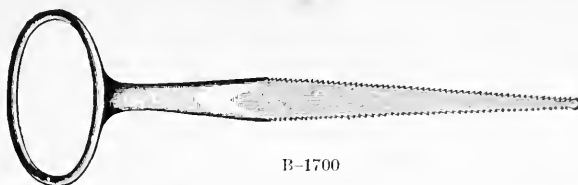
B-1685



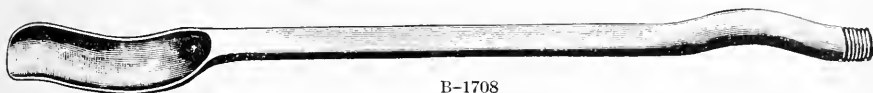
B-1690

Wire Saws and Handles

- B-1680 **Gigli's**, 12 inches.
- B-1681 **Gigli's**, 20 inches.
- B-1682 **Gigli's**, 30 inches.
- B-1683 Handles, fine.
- B-1685 Handles, plain.
- B-1690 Wire Saw Carrier, **Schaefer's**, cranial.



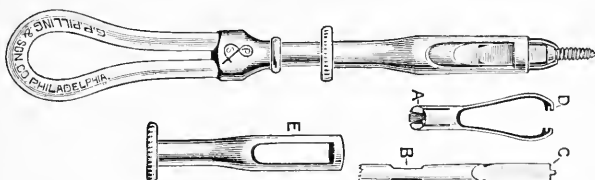
B-1700



B-1708



B-1710



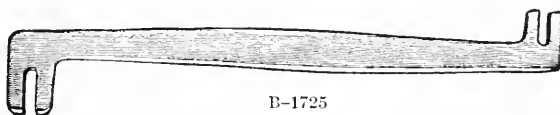
B-1721-1723



B-1705



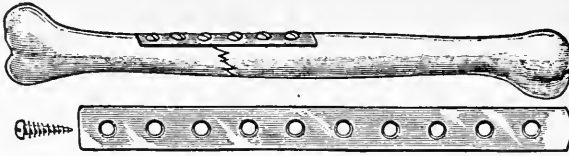
B-1717



B-1725

Bone Elevators, etc.

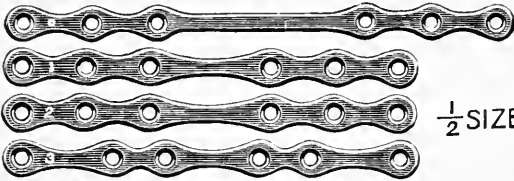
- B-1700 Bone Extension Instrument, **Lane's**.
- *B-1702 Bone Plate Holding Forceps, **Lane's**.
- B-1705 Bone Screw Holding Forceps, **Lane's**, 7½ inches.
- B-1708 Bone Skid, **Murphy's**, double ended.
- B-1710 Bone Skid, **Scudder's**, broad and narrow.
- *B-1715 Screw Driver, **Anderson's**, to hold and drive the screw.
- B-1717 Screw Driver, **Lane's**, solid octagon handle, heavy.
- *B-1719 Screw Driver, **Lentz's**, to hold and drive the screw.
- B-1721 Screw Driver, **Sherman's**, latest pattern (with pin C).
- B-1723 Screw Driver, **Sherman's**, latest pattern (without pin C).
- B-1725 Wrench, **Lane's**, for bending bone plates.
- *B-1727 Silver Wire for wiring bones, B & S Gauge, No. 14, No. 16, No. 18, No. 20.



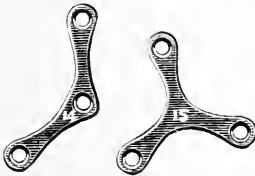
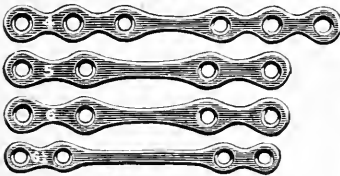
B-1726



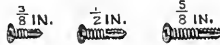
B-1730-1731



$\frac{1}{2}$ SIZE



B-1734



B-1745



B-1737

Bone Plates

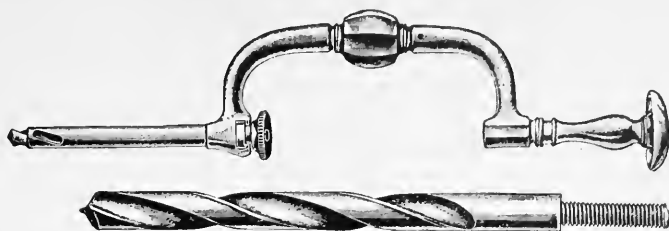
- B-1726 **Martin's**, silver, $\frac{1}{2}$ x 2 inches, $\frac{1}{2}$ x 3 inches, $\frac{5}{8}$ x $2\frac{1}{2}$ inches, $\frac{5}{8}$ x $3\frac{1}{2}$ inches, $\frac{1}{8}$ x 3 inches, $\frac{1}{8}$ x 4 inches
 B-1730 **Mayo's**, silver-plated, 12 inches.
 B-1731 **Mayo's**, German silver, 12 inches.
 B-1734 **Sherman's**, blued vanadium steel, Nos. 0 to 16, illustration shows plates half size.

Bone Nails, Screws and Spikes

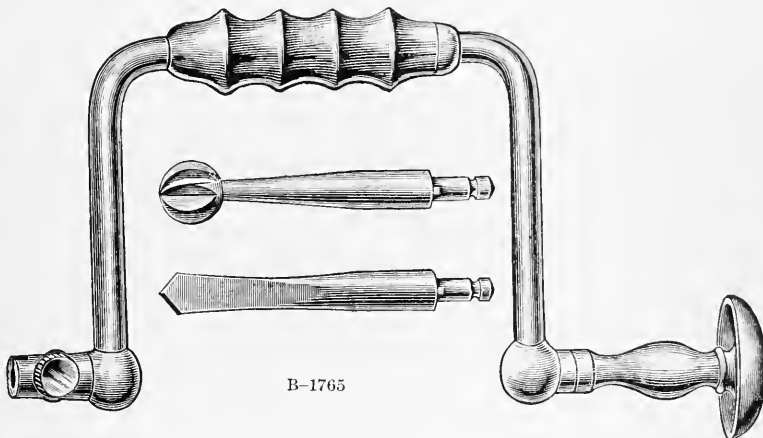
- *B-1735 Bone Nails, ivory.
 B-1737 Bone Nails, steel.
 *B-1739 Bone Screws, **Lambotte's**, gold-plated, 8 sizes.
 *B-1741 Bone Screws, **Lane's**, silver-plated, Nos. 3, 5, and 7, $\frac{1}{2}$ and $\frac{5}{8}$ inches.
 *B-1743 Bone Screws, **Mayo's**, sterling silver, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inches.
 B-1745 Bone Screws, **Sherman's**, Vanadium steel, $\frac{3}{8}$, $\frac{1}{2}$ and $\frac{5}{8}$ inches.
 *B-1747 Bone Screws, **Wood's**, Vanadium steel, $\frac{3}{8}$, $\frac{1}{2}$ and $\frac{5}{8}$ inches.



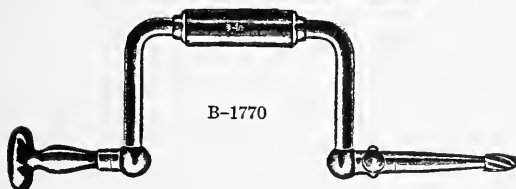
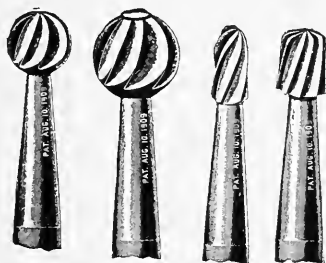
B-1755



B-1760



B-1765



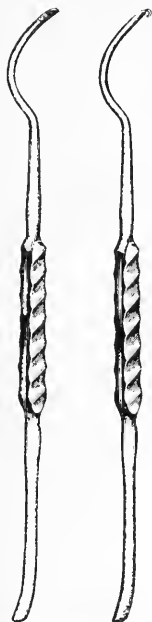
B-1770



B-1772

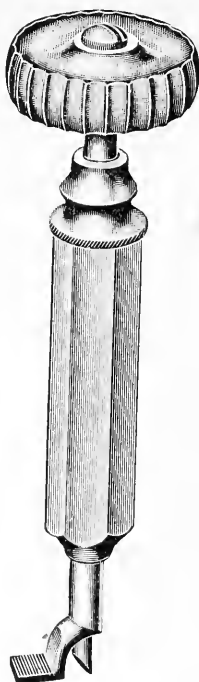
Bone Instruments—Cranial

- B-1755 Chisel, **Doyen's**, cranial.
- B-1760 Drill, **Carr's**, cranial.
- B-1765 Drill, **Cushing's**, cranial set, complete.
- B-1770 Drill, **Hudson's**, set of 4 cranial burrs and brace.
- *B-1771 Hard wood case for above.
- B-1772 Cerebellar attachment for above, **Hudson's**.



B-1775

B-1776



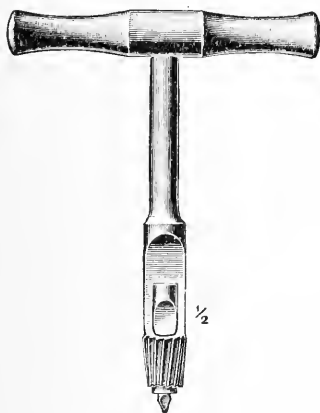
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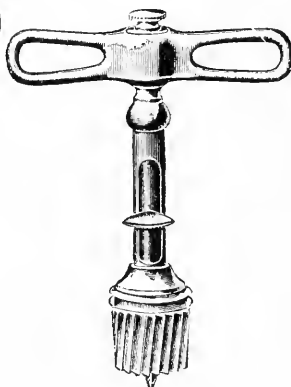
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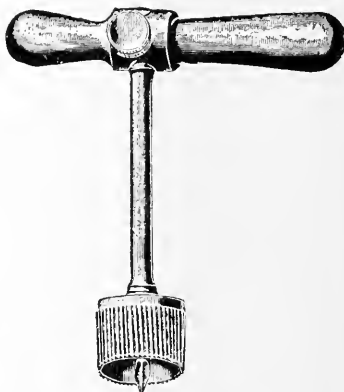
B-1782



B-1785



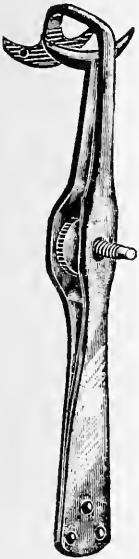
B-1787



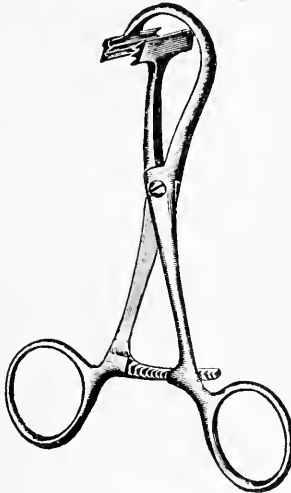
B-1790

Bone Instruments—Cranial

- B-1775 Elevator, **Hudson's**, double ended.
 B-1776 Elevator, **Hudson's**, double ended, with saw carrier.
 B-1778 Elevator, **Martel's**.
 B-1780 Protector, **Alexandre's**, dura.
 B-1782 Spatula, **Cushing's**, $6\frac{3}{4}$ inches, $7\frac{3}{4}$ inches, 11 inches.
 B-1785 Trephine, **DeVilbiss'**.
 B-1787 Trephine, **Galt's**, 3 sizes.
 B-1790 Trephine, **Robert's**, 3 sizes.



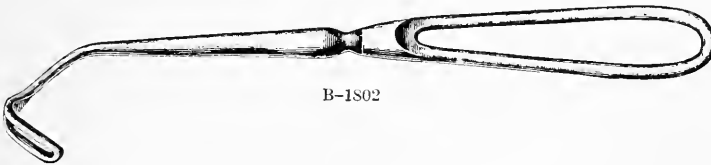
B-1800



B-1806



B-1808



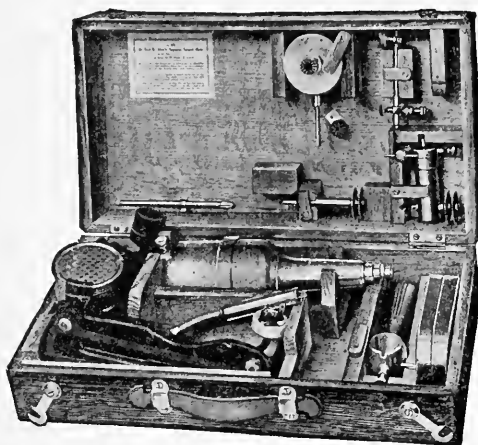
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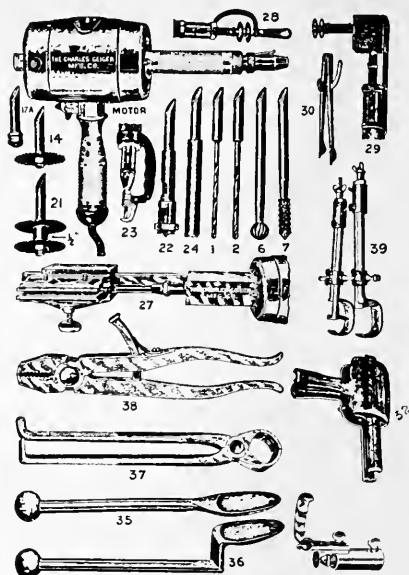
B-1804

Cranial Instruments

- B-1800 **Carr's** Cranial haemostat.
- B-1802 **Cushing's** Brain Retractor, decompression.
- B-1804 **Cushing's** Vein Retractor.
- B-1806 **Hoeve's** Cranial Haemostat.
- B-1808 **Sargent's** Cranial Haemostat or Flap Forceps.



B-1865



B-1890

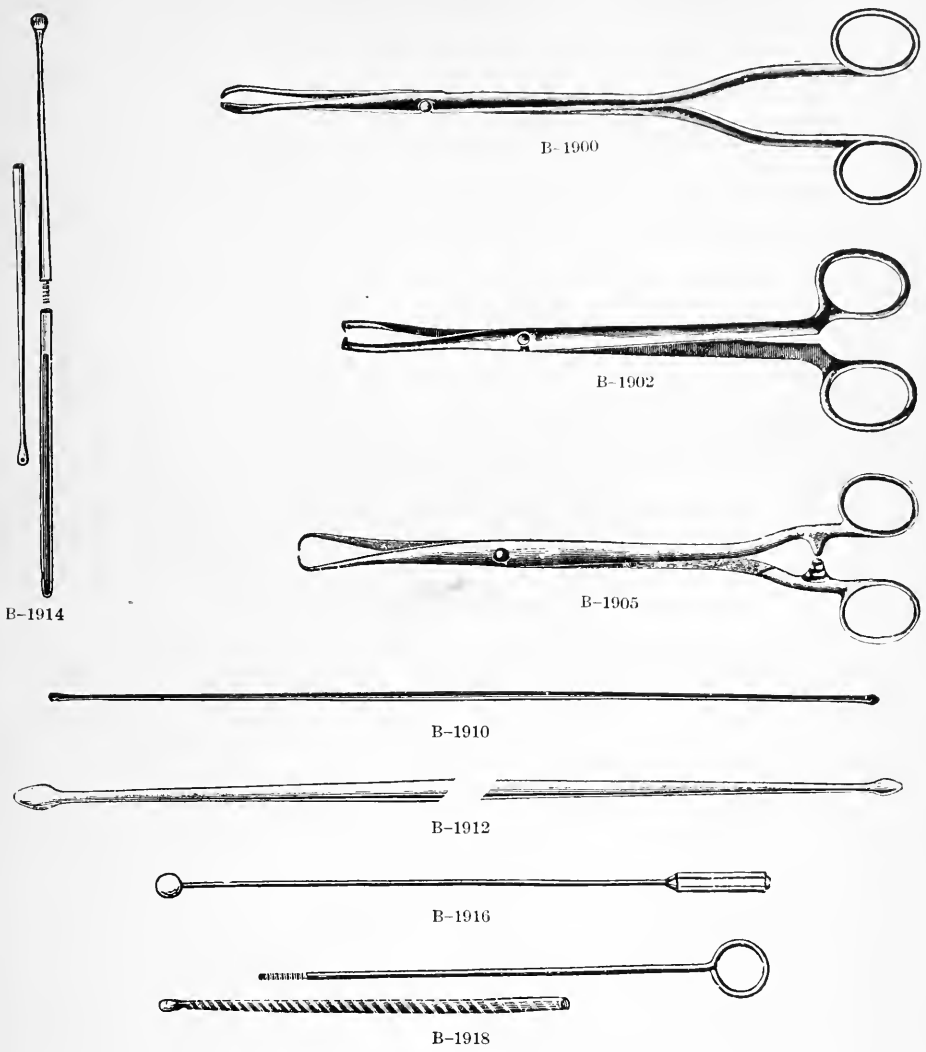
Electro Operative Bone Engines

- *B-1850 **Albee's** Electro Operative Bone Set, in case, comprising Universal motor, cords, aseptic shell and guide handle, bone reamer, saw with 1 mandrel and 8 gauges, spanner, wrench, foot speed controllers, long twist drill, sterilizer case for drills, burs and single saw.

Albee's Additional Special Instruments

- *B-1855 Adjustable Spray Guard.
 *B-1856 **Albee's** Twin Saw.
 *B-1857 **Albee's**, Angular Saw.
 *B-1858 **Albee's** Dowel Shaper.
 *B-1859 **Albee's** extra long Taper Burr Fraise, for femur.
 *B-1860 **Albee's** extra small Saw for cross cut.
 B-1865 **Albee's** Complete Set, comprising all instruments listed above, in case.
 *B-1870 **Albee's** Revolving Osteotome.
 *B-1871 **Albee's** broad thin Osteotome.
 *B-1872 **Albee's** Caliper, inside.
 *B-1873 **Albee's** Caliper, outside.
 *B-1874 **Albee's** Bone Gauge, triangular.
 *B-1875 **Albee's** Ligature Passer.
 *B-1876 **Albee's** End Mill.
 *B-1880 **Martel's** Automatic Trephine Attachment Set, for use with Albee's universal motor, with pointed cutter for starting, blunt trephine cutter, spiral osteotome and guard for osteotome.
 *B-1881 **Martel's** Automatic Trephine, complete with Albee's Universal motor, foot switch and cords.
- Illustrated bulletin of all the above instruments sent on request.
- B-1890 **Geiger's Electro Operative Bone Instruments and accessories;**
 A Universal Motor, 60 cycle, 110 volt. with sterilizable connecting cord.
 B Universal Motor with extra cycle or higher voltage.
 1 Drill, $\frac{1}{8}$ inch.
 2 Drill, $\frac{1}{16}$ inch.
 3 Drill, $\frac{1}{8}$ inch.
 4 Drill, $\frac{1}{16}$ inch.
 5 Drill, $\frac{3}{8}$ inch.
 6 Cherry Burr.
 7 Sharp Nose Burr.
 8 Set of Chisels.
 9 Motor Plaster Cutter, without motor.
 10 Saw with mandrel, $\frac{6}{8}$ inch.
 11 Saw with mandrel, $\frac{7}{8}$ inch.
 12 Saw with mandrel, 1 inch.
 13 Saw with mandrel, $1\frac{1}{4}$ inches.
 14 Saw with mandrel, $1\frac{1}{2}$ inches.
 15 Saw with mandrel, $1\frac{3}{4}$ inches.
 16 Saw with mandrel, $1\frac{7}{8}$ inches.
 17 Saw with mandrel, 2 inches.
 17A Ideal Motor Bone Saw Hand Piece or Handle.
 18 Twin Saws, $\frac{1}{16}$ inch.
 19 Twin Saws, $\frac{1}{8}$ inch.
 20 Twin Saws, $\frac{1}{4}$ inch.
 21 Twin Saws, $\frac{1}{2}$ inch.
 22 Trephine.
 23 Protector Burr or Skull Cutter with hand piece.
 24 Dowel Shaper, $\frac{1}{8}$ inch.
 25 Dowel Shaper, $\frac{1}{16}$ inch.
 26 Dowel Shaper, $\frac{3}{8}$ inch.
 27 Lathe Attachment to Dowel Shapers.
 28 Extra Guide Handle for Twin or Single Saws.
 29 Right Angle Arm with Gears for all Cutters.
 30 Caliper Knives.
 31 Guards for Regulating depths of Saws (8 in number).
 32 Sterilizable Aluminum Shell for Motor.
 33 Sterilizable Brass Shell for Motor.
 34 Special Electric Hot Air Sterilizer with thermostatic control.
 35 Bone Elevating Spoon or Skid (Straight).
 36 Bone Elevating Spoon or Skid.
 37 Bone Elevating Forcep.
 38 Bone Graft Retaining Forcep.
 40 Handsome Carrying Case for Motor and Cutters.
 41 Speed Regulating Foot Switch.
 43 **Geiger's New Work on "Modern Operative Bone Surgery."**

Illustrated bulletin of all **Geiger** instruments sent on request.

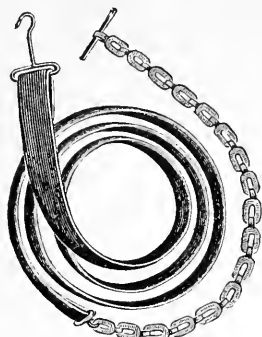


Bullet Forceps

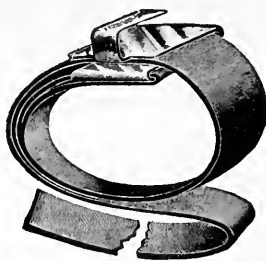
- B-1900 **Gross'.**
- B-1902 **Senn's, plain.**
- *B-1903 **Senn's, with catch, latest army pattern.**
- B-1905 **Tiemann's, with catch.**
- *B-1907 **Weisse's, spiral, flexible.**

Bullet Probes

- B-1910 **Plain, double end, plated, 8 inches, 10 inches, 12 inches.**
- B-1912 **Fluhrer's, aluminum.**
- B-1914 **Hamilton's, with director, jointed.**
- B-1916 **Nelaton's, porcelain head, with handle.**
- B-1918 **Spiral, flexible, jointed.**
- *B-1920 **U. S. A. pattern, silver, 8 inches, 10 inches 12 inches.**



B-1925



B-1930



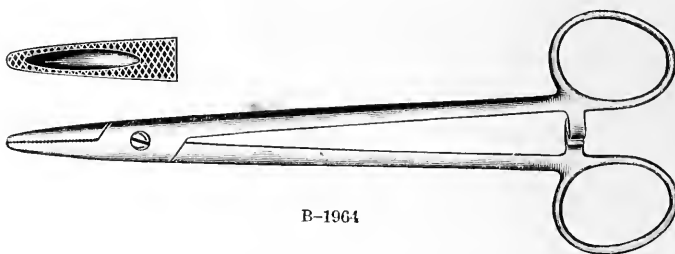
B-1940



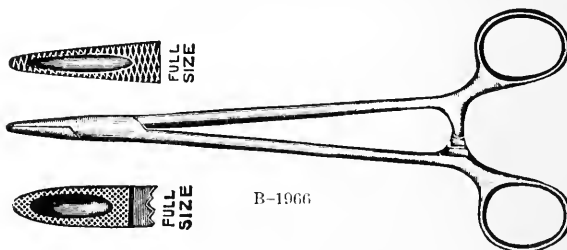
B-1945



B-1960



B-1964



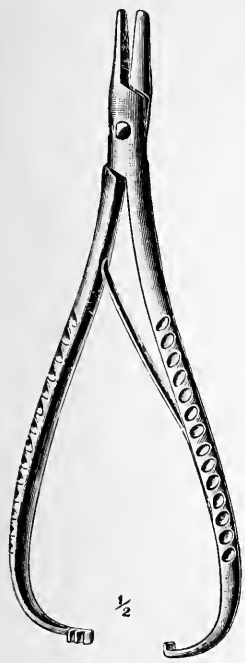
B-1966

Tourniquets

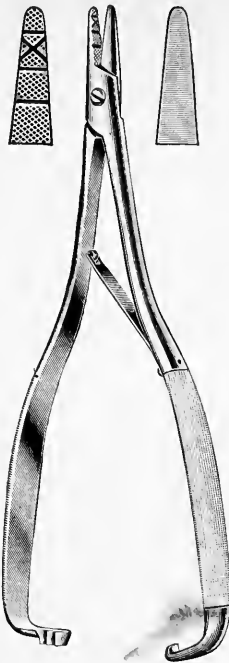
- B-1925 **Esmarch's**, strap and chain.
- *B-1927 **Field** tourniquet with webbing strap.
- B-1930 **Gradwohl's**, for general and Salvarsan work.
- *B-1935 **Hazard's**.
- B-1940 **Senn's**, U. S. A. pattern, 36 inches long, pure gum tubing.
- *B-1942 **Shert's**, all metal.
- B-1945 **Wyeth's** transfixion pin.

Needle Holders

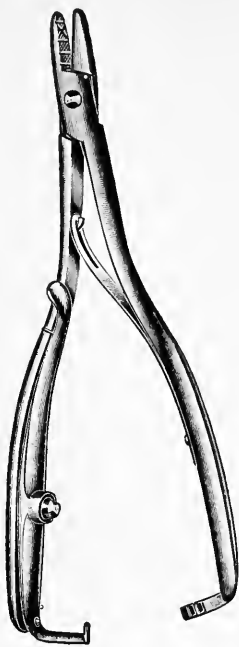
- B-1960 **Crile's**, mortise joint.
- *B-1962 **Crile's**, modified by Wood.
- B-1964 **Hegar's**, screw lock, 6 inches, 8 inches.
- B-1966 **Hegar-Mayo's**, wide jaw and narrow jaw, 8 inches, mortise joint.
- *B-1968 **Hegar-Mayo's**, 6 inches, mortise joint.
- *B-1970 **Hegar-Mayo's**, 8 inches, screw joint.



B-1990



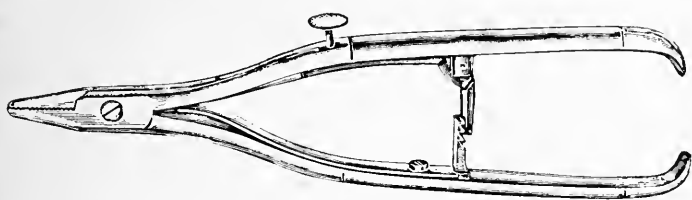
B-1992



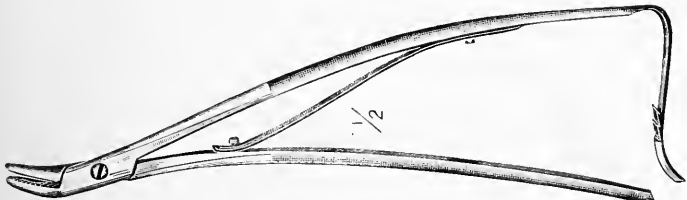
B-1994



B-1998



B-2000



B-1975

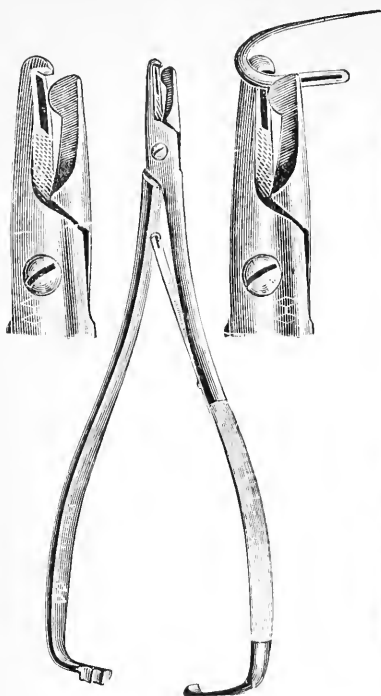


B-2005

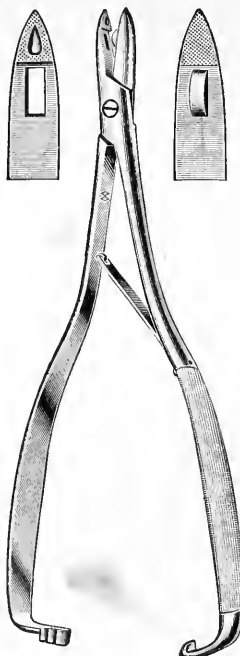
Needle Holders

- B-1975 **Gracey's**, new model.
- *B-1980 **Langenbeck's**, 6 1/2 inches, 8 inches.
- *B-1985 **Kelly-Miller's**.
- B-1990 **Mathieu's**, regular, 4 1/2 inches, 5 inches, 5 1/2 inches, 7 inches, 7 1/2 inches, 8 inches.
- B-1992 **Mathieu's**, improved pattern, 5 1/2 inches, 7 inches, 8 inches.

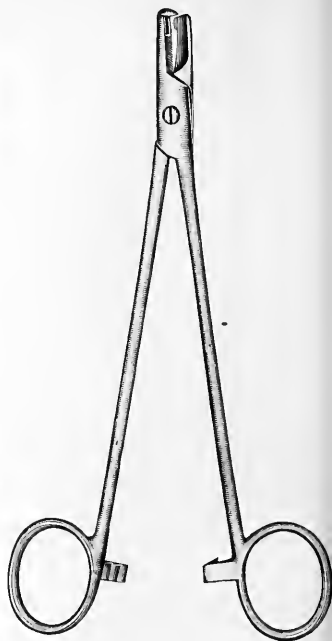
- B-1994 **Mathieu's**, improved, with thumb release catch.
- *B-1996 **McBurney's**, 8 inches.
- B-1998 **Murphy's**, 8 inches, 9 3/4 inches, 10 1/2 inches.
- B-2000 **Rochester**, release catch, 6 3/4 inches, 7 3/4 inches, 9 1/4 inches.
- B-2005 **Rochester** needle pulling forceps.



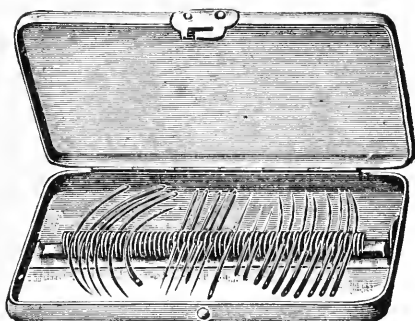
B-2010



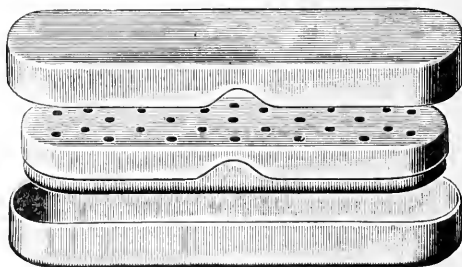
B-2012



B-2022



B-2042



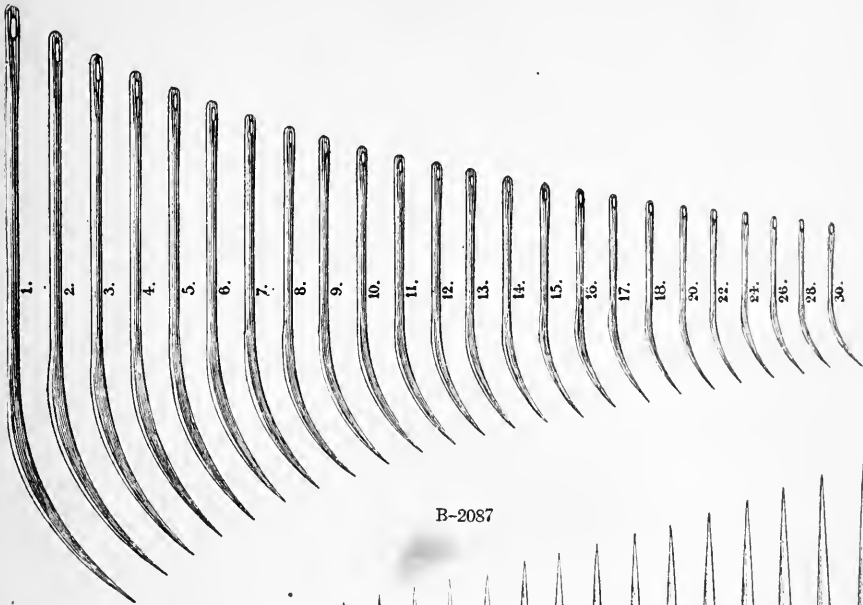
B-2045

- B-2010 **Richter's**, regular model, latest, $5\frac{1}{2}$ inches, 7 inches, 8 inches.
 B-2012 **Richter's**, with grasping point, 7 inches, 8 inches.
 *B-2015 **Richter's**, with thumb release catch.
 *B-2017 **Richter's**, with grasping point and thumb release catch.
 *B-2020 **Richter's**, modified by Mayo.
 B-2022 **Richter's**, with ring handles.

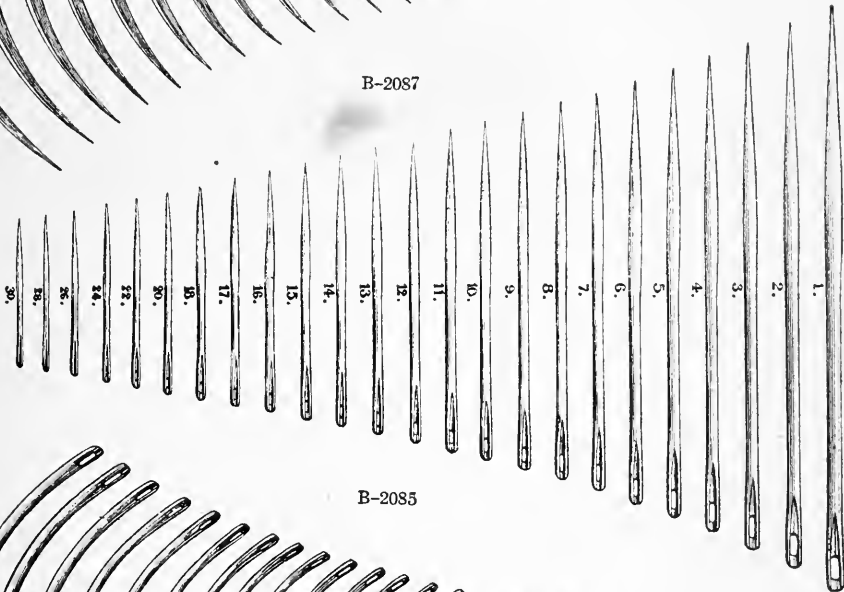
METAL NEEDLE CASES

- *B-2040 Rectangular form, with spiral spring for needles.
 *B-2041 Rectangular form, with 1 dozen assorted needles.
 B-2042 Rectangular form, with 2 dozen assorted needles.
 *B-2043 Round form, with perforated sterilizing chamber, $2\frac{1}{2}$ inches.
 *B-2044 Round form, with perforated sterilizing chamber, $3\frac{3}{4}$ inches.
 B-2045 Oblong form, with perforated sterilizing chamber, $5\frac{1}{8} \times 1\frac{3}{4}$ inches.

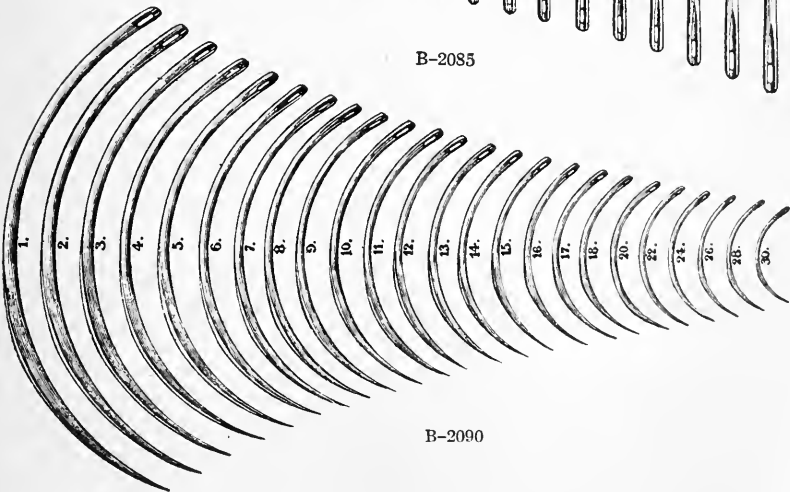
General Operating Needles



B-2087



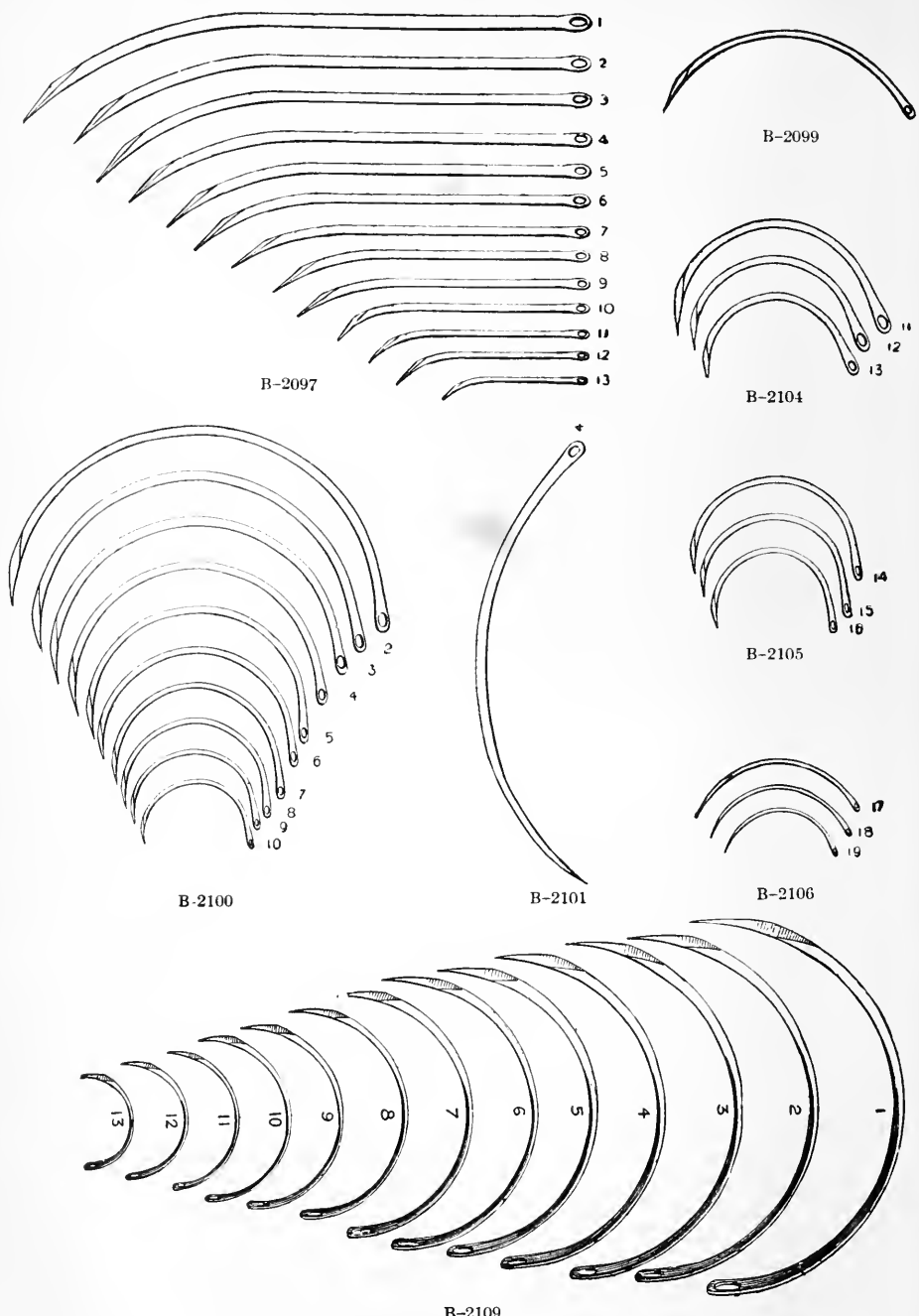
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B-2090

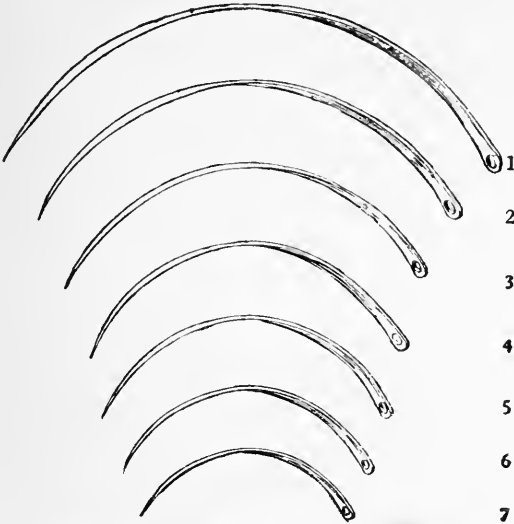
Illustrations show Full Size of Needles

General Operating Needles



Illustrations show Full Size of Needles

General Operating Needles



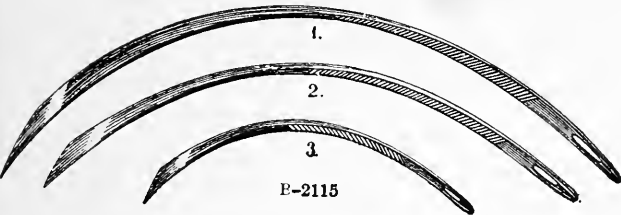
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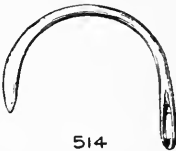
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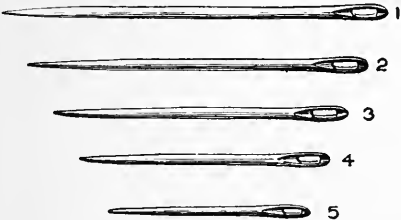
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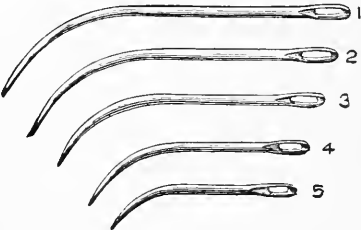
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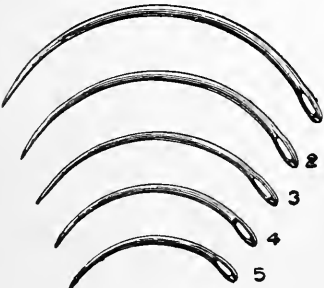
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B-2111



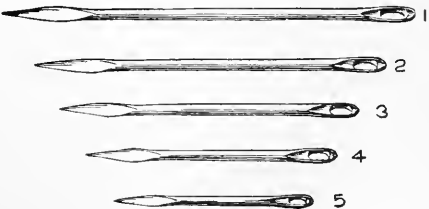
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B-2117



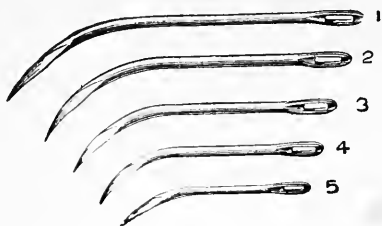
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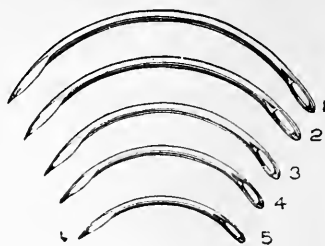
B-2119

Illustrations show Full Size of Needles

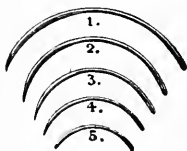
General Operating Needles



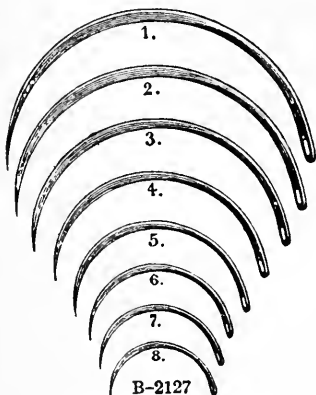
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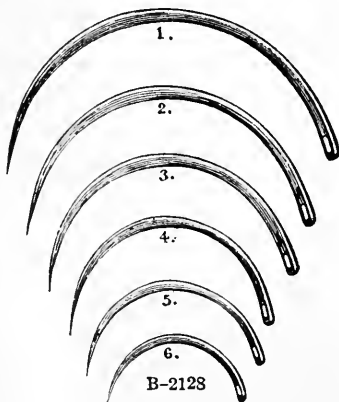
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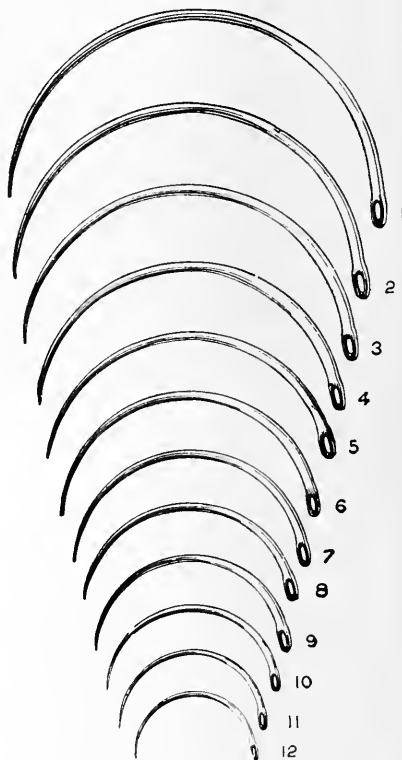
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B-2127



B-2128



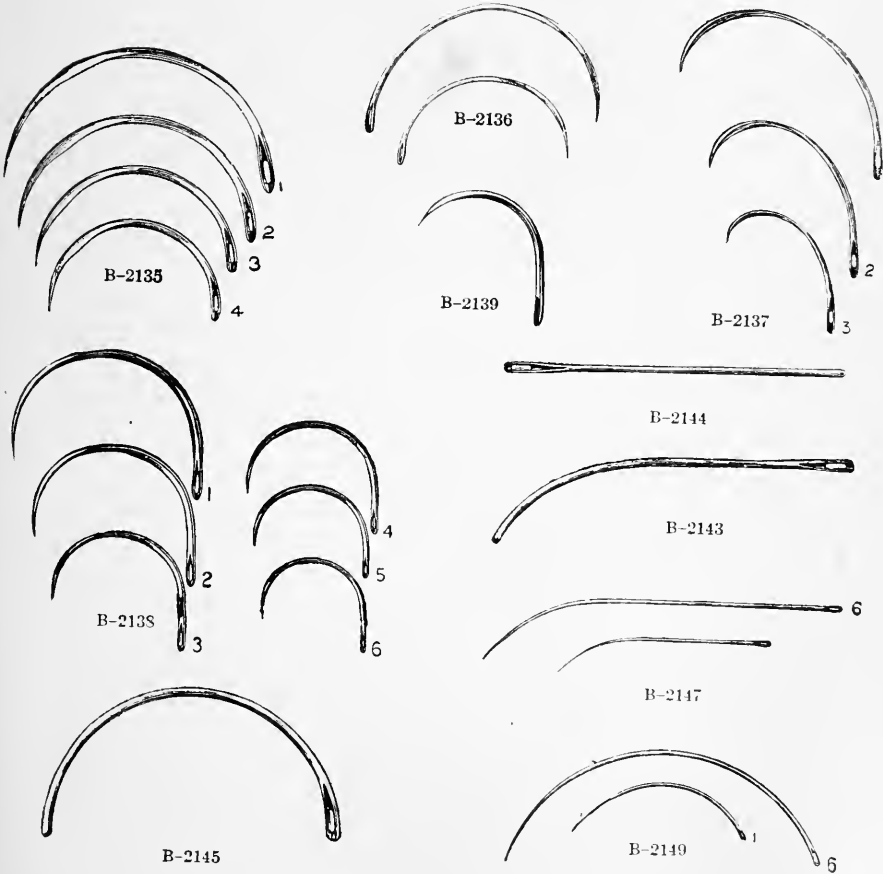
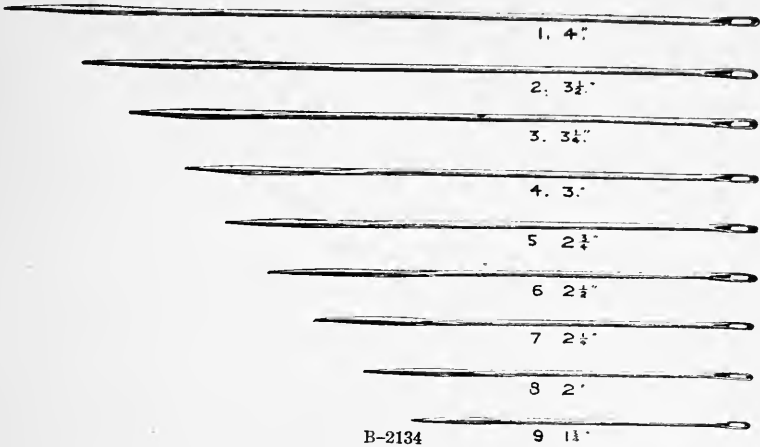
B-2126



B-2133

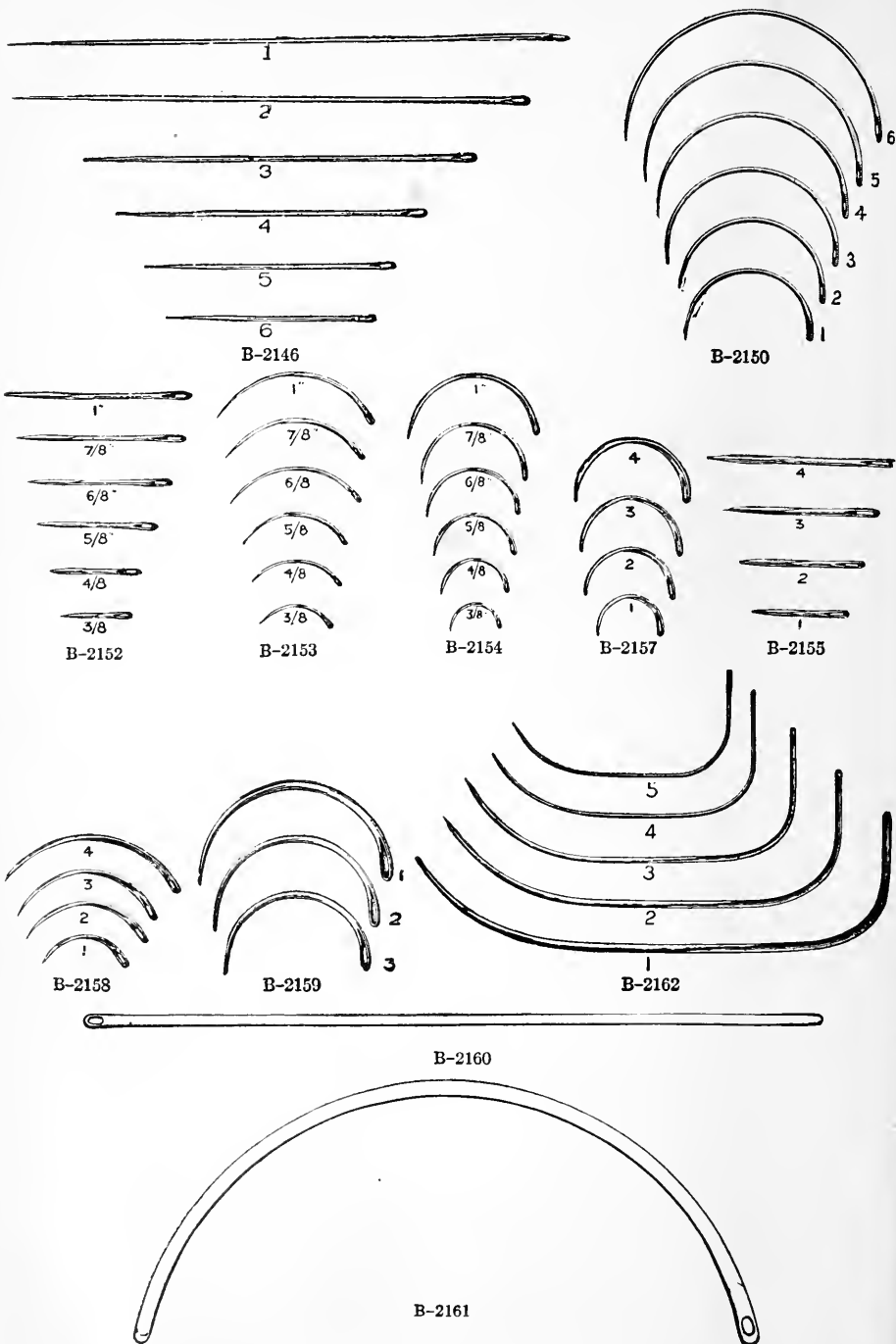
Illustrations show Full Size of Needles

General Operating Needles



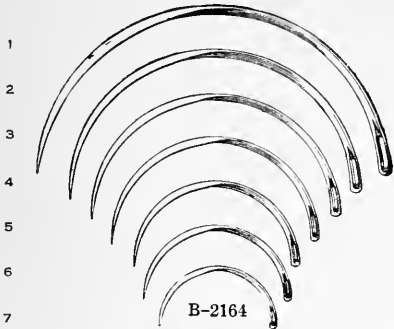
Illustrations show Full Size of Needles

General Operating Needles



Illustrations show Full Size of Needles

General Operating Needles



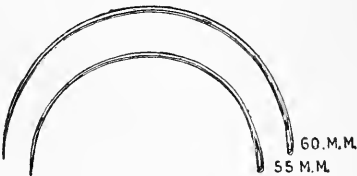
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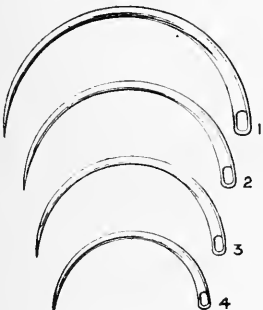
B-2170



B-2171



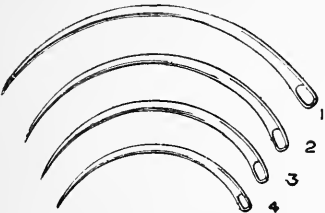
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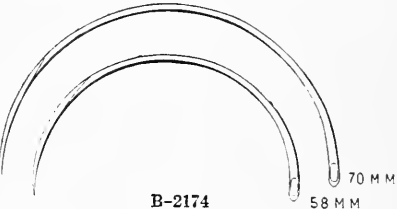
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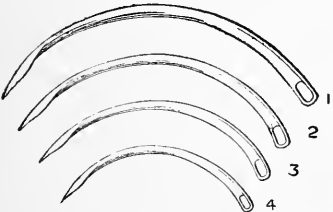
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B-2168



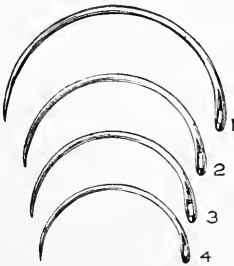
B-2174



B-2169



B-2178



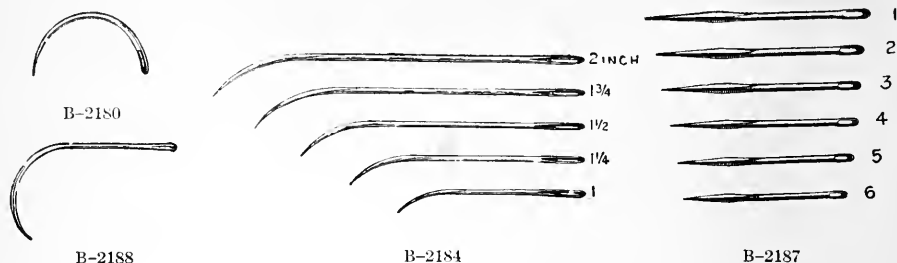
B-2181



B-2179

Illustrations show Full Size of Needles

General Operating Needles



Surgeons' Needles

- B-2085 Regular, straight, sizes 1 to 30.
- *B-2086 Regular, straight, split eye, sizes 1 to 30.
- B-2087 Regular, half curved, sizes 1 to 30.
- *B-2088 Regular, half curved, split eye, sizes 1 to 30.
- *B-2089 Regular, half curved, round body, sizes 1 to 18.
- B-2090 Regular, full curved, sizes 1 to 30.
- *B-2091 Regular, half circle curve, sizes 1 to 18.
- *B-2092 Regular, full curved, split eye, sizes 1 to 30.
- *B-2093 Regular, half curved, round body, sizes 1 to 18.
- *B-2094 Regular, full curved, with Cunningham eye, sizes 1 to 18.
- *B-2095 **Hagedorn's**, straight, sizes 1 to 13.
- *B-2096 **Hagedorn's**, straight, with split eye, sizes 1 to 13.
- B-2097 **Hagedorn's**, half curved, sizes 1 to 13.
- *B-2098 **Hagedorn's**, half curved, with split eye, sizes 1 to 13.
- B-2099 **Hagedorn** Needle, $\frac{3}{8}$ circle, sizes 1 to 13.
- B-2100 **Hagedorn's**, full curved half circle.
- B-2101 **Hagedorn's**, $\frac{1}{4}$ circle curve, sizes 1 to 13.
- *B-2102 **Hagedorn's**, $\frac{5}{8}$ circle curve, sizes 1 to 13.
- *B-2103 **Hagedorn's**, full curved, with split eye, sizes 1 to 13.
- B-2104 **Hagedorn's**, fistula, stout, 3 sizes: 11, 12, 13.
- B-2105 **Hagedorn's**, fistula, thin, 3 sizes: 14, 15, 16.
- B-2106 **Hagedorn's**, intestinal, 3 sizes: 17, 18, 19.
- *B-2107 **Cole's** (Central Eye) Needles, round point, sizes same as Regular Surgeons.
- *B-2108 **Cole's** (Central Eye) Needles, Triangular, sizes same as Regular Surgeons.
- B-2109 **Hagedorn's**, $\frac{1}{2}$ circle, with reversed eye, 13 sizes.
- B-2110 **Bonney's**, full curved, 7 sizes.
- B-2111 **De Garmos**, full curved, 1 size.
- B-2112 **Carrell's** Arterial Needles, curved, 1 size.
- B-2113 **Carrell's** Arterial Needles, straight, 1 size.
- B-2114 **Boston**, 4 sizes.
- B-2115 **Doyen's**, curved, to be used with fingers, gilt, 3 sizes.
- B-2116 **Emmet's**, straight, taper point, 5 sizes.
- B-2117 **Emmet's**, half curved, taper point, 5 sizes.
- B-2118 **Emmet's**, full curved, taper point, 5 sizes.
- B-2119 **Emmet's**, straight, trocar point, 5 sizes.
- B-2120 **Emmet's**, half curved, trocar point, 5 sizes.
- B-2121 **Emmet's**, full curved, trocar point, 5 sizes.
- *B-2122 Eye, half curved, 6 sizes.
- *B-2123 Eye, half curved, split eye, 6 sizes.
- B-2124 Eye, full curved, 6 sizes.
- *B-2125 Eye, full curved, split eye, 6 sizes.
- B-2126 **Ferguson's**, with taper point, half circle, 12 sizes.
- B-2127 Fistula, full curved, light, 8 sizes.

Surgeons' Needles

- B-2128 Fistula, full curved, heavy, 6 sizes.
 *B-2129 Fistula, extra full curved, light, 8 sizes.
 *B-2130 Fistula Needle, extra curved light spring eye, 3 sizes.
 *B-2131 **Goodell's**, perineal, 3 sizes.
 *B-2132 **Henderson's**, full curved, cutting edge, 6 sizes.
 B-2133 Hernia, extra heavy, 1 size.
 B-2134 **Keith's**, straight, abdominal, 9 sizes.
 B-2135 **Kelly's** Cervix Needles, 4 sizes.
 B-2136 **Kelly** Oblique Needles, 3 sizes.
 B-2137 **Kelly (Lister Eye)** oblique Curved, 3 sizes.
 B-2138 **Kelly's**, gynaecic, 6 sizes.
 B-2139 **Kelly's**, full curved, trachelorrhaphy, 3 sizes.
 *B-2140 **Kelly's** Intestinal Needle, plain eye, 4 sizes.
 *B-2141 **Kelly's**, full curved, intestinal, taper point, split eye.
 *B-2142 **Koenig's** fish hook curve, 5 sizes.
 B-2143 Kidney Half Curved Needles, 1 size.
 B-2144 Kidney Needle, straight, 1 size.
 B-2145 Kidney Needle, curved, 1 size.
 B-2146 Intestinal, straight, taper points, 6 sizes.
 B-2147 Intestinal, half curved, plain eye, taper point, 6 sizes.
 *B-2148 Intestinal, half curved, split eye, taper point, 6 sizes.
 B-2149 Intestinal, full curved, plain eye, taper point, 6 sizes.
 B-2150 Intestinal Needles, $\frac{1}{2}$ circle, 6 sizes.
 *B-2151 Intestinal, full curved, split eye, taper point, 6 sizes.
 B-2152 **Lane's** Straight Needle, cleft palate, 6 sizes in $\frac{1}{8}$ inch from $\frac{3}{8}$ to 1 inch.
 B-2153 **Lane's**, cleft palate, $\frac{3}{8}$ circle curve.
 B-2154 **Lane's**, cleft palate, $\frac{1}{2}$ circle curve, 6 sizes in $\frac{1}{8}$ inch from $\frac{3}{8}$ to 1 inch.
 B-2155 **Lane's** Straight Needle, 4 sizes.
 B-2157 **Lane's** Needles, $\frac{1}{2}$ circle, 4 sizes.
 B-2158 **Lane's** Needles, curved, 4 sizes.
 B-2159 Ligating, full curved, taper points, 3 sizes.
 B-2160 Liver Needle, straight, 1 size.
 B-2161 Liver Needle, curved, 1 size.
 B-2162 **Loopuyt's**, half curved, to be used with fingers, 5 sizes.
 *B-2163 **Loopuyt's** half curved, split eye, 5 sizes.
 B-2164 **Martin's**, full curved, uterine, 7 sizes.
 *B-2165 **Martin's**, uterine, with Cunningham Eye, 6 sizes.
 B-2167 **Mayo's**, full curved, large square eye, taper point, for catgut, 4 sizes.
 B-2168 **Mayo's**, $\frac{3}{8}$ circle, large square eye, taper point, for catgut, 4 sizes.
 B-2169 **Mayo's**, $\frac{3}{8}$ circle, large square eye, trocar point, 4 sizes.
 B-2170 **Mayo-Robson** Abdominal Needle, 1 size.
 B-2171 **Mayo-Robson** Gastro Enterostomy Needle, 1 size.
 B-2172 **Mayo-Robson** Intestinal Needles, 2 sizes.
 B-2173 **Mayo-Robson** Muscle Stitch Needle, 1 size.
 B-2174 **Mayo-Robson** Skin Needles, 2 sizes.
 *B-2175 **McGowan's**, full curved, taper point, 3 sizes.
 *B-2176 **McGowan's**, full curved, trocar point, 3 sizes.
 *B-2177 **Mayo's**, full curved, plain eye, taper point, intestinal, 3 sizes.
 B-2178 **Moynihan's**, full curved, plain eye, taper point, for catgut, 1 size.
 B-2179 **Murphy's**, full curved, cutting points, for trachelorrhaphy, 3 sizes.
 B-2180 **Murphy's**, full curved, taper point, haemostatic, 1 size.
 B-2181 **Murphy's**, full curved, taper point, intestinal, 4 sizes.
 *B-2182 Post-Mortem Needles, half curved, 3-inch to 6-inch in $\frac{1}{2}$ inches.
 *B-2183 **Sims'**, straight, lance point, uterine, 5 sizes.
 B-2184 **Sims'**, half curved, lance point, uterine, 5 sizes.
 *B-2185 **Sims'**, full curved, lance point, uterine, 5 sizes.
 *B-2186 **Sharp's**, arterial, 1 size.
 B-2187 **Skene's**, straight, trocar point, uterine, 6 sizes.
 B-2188 Staphylorrhaphy, fish hook, cutting point, 1 size.
 *B-2189 Triangular Needles, regular, straight, 18 sizes.
 *B-2190 **Woodward's**, 1 size.
 *B-2191 **Wylie's** Pedicle Needles, 1 size.



B-2220

B-2228

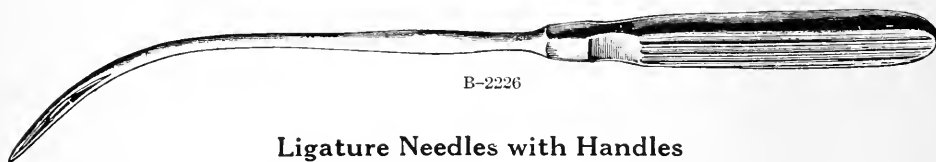
B-2232

B-2240

B-2245

B-2250

B-2270



B-2226

Ligature Needles with Handles

- B-2220 Ashton's, perineal.
- *B-2225 Billroth's, ligature, straight, heavy.
- B-2226 Billroth's, ligature, half curved, heavy.
- B-2228 Carsten's, cervical, right or left.
- *B-2230 Carsten's, ligature, blunt, right or left.
- B-2232 Carsten's, perineal, right or left.
- *B-2235 Clark's, perineal, right or left.
- B-2240 Davis', ligature, curved.
- B-2245 Deschamp's, ligature, right or left, blunt.
- *B-2246 Deschamp's, ligature, right or left, sharp.
- B-2250 Felizet's, perineal, curved.
- *B-2255 Keyes', varicocele, plain, spear point.
- *B-2256 Keyes', varicocele, plain, oblique point.
- *B-2260 Landau's, ligature, sharp, with Hagedorn eye.
- *B-2265 Langenbeck's, ligature, curved, blunt.
- B-2270 Pean's, ligature.



Ligature Needles with Handles

- B-2275 **Reverdin's**, suture, plain, sliding eye, curves, 1, 2, 3, 4.
- B-2280 **Reverdin's**, suture, automatic eye, curves, 1, 2, 3, 4.
- *B-2285 **Reverdin's**, suture, automatic eye, **Hagedorn** point, curves, 1, 2, 3, 4.
- *B-2290 **Reverdin's**, cervical, automatic eye, right or left.
- B-2295 Spiral curve, cervical, right or left.
- B-2300 **Wilson's**, cervical, right or left.



Ligature Carriers

- B-2310 Cleveland's, scissors handle, 6 inches, 8 inches.
- B-2312 Cleveland's, improved, latest model, right and left.

Suture Sundries

- B-2315 Perforated Shot, 100 in bottle.
- B-2317 Shot Compressor.
- B-2320 Spreading Forceps, Richter's, for removing, or regulating the pressure of Michel's wound clips.



B-2322



B-2326



B-2330



B-2335



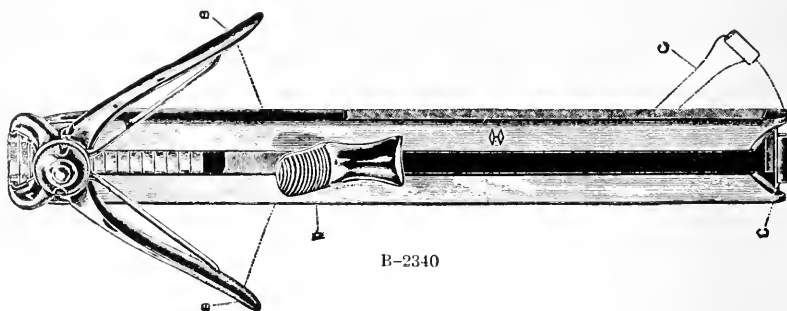
B-2324



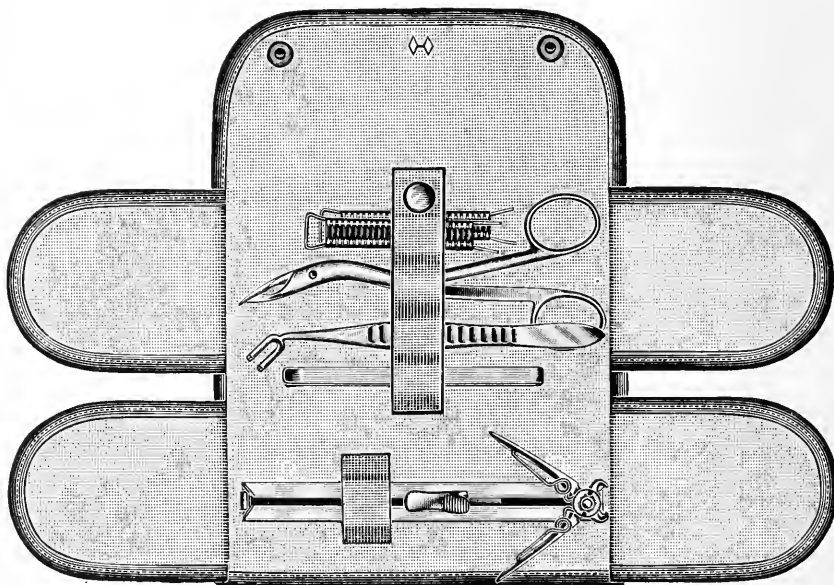
B-2325

Suture Sundries

- B-2322 Suture Forceps, **Michel's**, plain.
- B-2324 Suture Forceps, **Michel's**, improved, straight, for applying and removing clips.
- B-2325 Suture Forceps, **Michel's**, improved, curved, for applying and removing clips.
- B-2326 Suture Forceps, **Roubaix's**, angular.
- *B-2327 Suture Forceps, **Roubaix's**, straight.
- B-2330 Suture Scissors, **Littauer's**, 5 1/2 inches.
- B-2335 Wound Clips, **Michel's**, small, medium and large.
- *B-2337 Wound Clip Set, **Michel's**, in metal case.



B-2340



B-2342

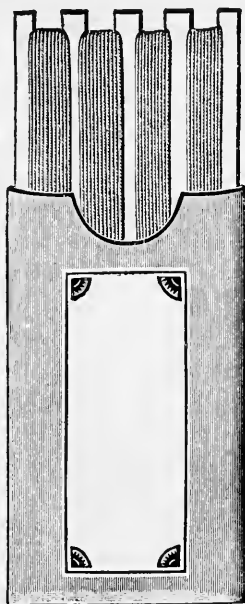
Wound Clip Forceps and Sets

B-2340 Richter's Magazine Wound Clip Forceps, holds 50 clips.

B-2342 Richter's Magazine Wound Clip Set, complete, in case.



B-2400



B-2432
B-2437

B-2446
B-2448



B-2430

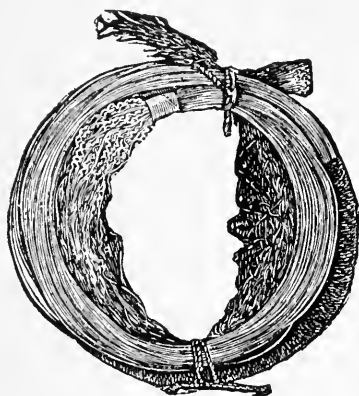
B-2442



B-2412-2415

Sutures and Ligatures Unsterilized

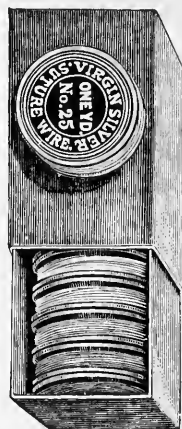
- B-2400 Catgut, dry, in bundles of 10 strings, each string 10 feet long: Nos. 00, 0, 1, 2, 3, 4, 5, 6,
- *B-2405 Celluloid Yarn, **Pagenstecher's**, sizes 00 to 6, in 5 gram hanks.
- *B-2407 Celluloid Yarn, **Braun's**, in 4 sizes, in hanks.
- *B-2410 Horse Hair, 25 strands, in bottle.
- *B-2411 Horse Hair, 100 strands, in paper box, 20 inches.
- B-2412 Linen Thread, **Mayo's**, iron dyed, No. 25, in hanks.
- B-2413 Linen Thread, **Mayo's**, iron dyed, No. 35, in hanks.
- B-2414 Linen Thread, **Mayo's**, iron dyed, No. 50, in hanks.
- B-2415 Linen Thread, **Mayo's**, iron dyed, No. 90, in hanks.
- *B-2420 Kangaroo Tendon, unfinished, assorted sizes.
- *B-2425 Silk, braided, **Turner's**, 12 sizes, in skeins, sizes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
- B-2430 Silk, braided, 1 size on card, in 12 sizes.
- B-2432 Silk, braided, 4 sizes on card, in slip case.
- B-2435 Silk, braided, iron dyed, 1 size on card, in 12 sizes.
- B-2437 Silk, braided, iron dyed, 4 sizes on card, in slip case.
- B-2440 Silk, braided, white, on half ounce spools.
- B-2442 Silk, twisted, white, 1 size on card, in 20 sizes.
- B-2444 Silk, twisted, iron dyed, 1 size on card, in 20 sizes.
- B-2446 Silk, twisted, white, 4 sizes on card, in slip case.
- B-2448 Silk, twisted, iron dyed, 4 sizes on card, in slip case.
- B-2450 Silk, twisted, white, cable twist, in hanks.



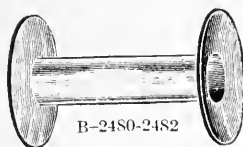
B 2455-2457



B-2470
B-2474



B-2472



B-2480-2482



B-2485-2486

Sutures and Ligatures, Unsterilized

- B-2455 Silk wormgut, ordinary quality, 14-inch strands, 100 strands to coil: size: fine, medium, coarse, X coarse, XX coarse.
- B-2457 Silk wormgut, finest quality, 14-inch strands, 100 strands to coil: size, fine, medium, coarse, X coarse, XX coarse, XXX coarse.
- *B-2460 Wire, aluminum bronze, 4 sizes, 20 coils, in box.
- *B-2465 Wire, silver, pure, No. 14 B. & S., for bone work.
- *B-2466 Wire, silver, pure, No. 16 B. & S., for bone work.
- *B-2467 Wire, silver, pure, No. 18 B. & S., for bone work.
- *B-2468 Wire, silver, pure, No. 20 B. & S., for bone work.
- B-2470 Wire, silver, pure, sizes 22 to 30, B. & S., in 2 dwt. coils.
- B-2472 Wire, silver, pure, in spools of 1 yard each, 6 spools in box.
- B-2474 Wire, silver, pure, in half ounce coils, sizes 22 to 30, B. & S.
- B-2480 Glass Reels, for ligatures, $1\frac{1}{2} \times 2$ inches.
- B-2482 Glass Reels, for ligatures, $1\frac{1}{2} \times 2\frac{1}{2}$ inches.
- B-2485 Suture Plate, glass, with 6 compartments.
- B-2486 Suture Plate, opaque glass, with 6 compartments.



Sterilized Ligatures and Sutures

- B-2500 Catgut, plain, in sealed tubes, 5-foot strands, sizes 000 to 4.
- B-2502 Catgut, chromic, in sealed tubes, 5-foot strands, sizes 000 to 4; 10, 20, 30 and 40 day.
- B-2504 Catgut, **Bartlett** Process, plain, in sealed tubes, 5-foot strands, sizes 00 to 4.
- B-2506 Catgut, **Bartlett** Process, tanned, in sealed tubes, 5-foot strands, sizes 00 to 4; 20 and 30 day.
- B-2508 Catgut, plain, **Emergency**, in sealed tubes, 20-inch strands, without needles, sizes 00 to 4.
- B-2510 Catgut, chromic, **Emergency**, in sealed tubes, 20-inch strands, sizes 00 to 4; 10 and 20 day.
- B-2512 Catgut, plain, **Emergency**, in sealed tubes, 30-inch strands with half curved or full curved needles, sizes 00 to 3.
- B-2514 Catgut, chromic, **Emergency**, in sealed tubes, 30-inch strands with half curved or full curved needles, sizes 00 to 3; 10, 20 and 40 day.
- B-2516 Catgut, plain or chromic, in sealed envelopes, sizes 00 to 4.
- B-2518 Catgut, plain or chromic, in 3-spool bottles, 3 sizes in bottle.
- B-2520 Circumcision Suture, in sealed tubes, plain catgut, 30-inch strand, threaded on a full-curved needle, sizes 00, 0, 1.
- B-2522 Horsehair, in sealed tubes.
- B-2524 Silk, twisted, in sealed tubes, 2-yard strands, white or iron dyed.
- B-2526 Silk, twisted, in sealed tubes, **Emergency**, white or iron dyed, with half curved or full curved needles.
- B-2527 Silk, twisted, dry-sterile, in sealed envelopes.
- B-2528 Silkwormgut, in sealed tubes, 6-13-inch strands in each tube.
- B-2530 Silkwormgut, in sealed tubes, 2-13-inch strands in each tube.
- B-2532 Obstetrical or Perineal Sutures, in sealed tubes, **chromic catgut**, 30-inch strand, threaded on a full-curved needle No. 6.
- B-2534 Obstetrical or Perineal Sutures, in sealed tubes, **silk**, 30-inch strand, threaded on a full-curved needle No. 6.
- B-2536 Obstetrical or Perineal Sutures, in sealed tubes, **silkwormgut**, threaded on a full-curved needle No. 6.
- B-2540 Bone Wax, sterile, in sealed tubes.

Illustrated, Descriptive List of Sterilized Sutures and Ligatures sent on Request.



B-2575



B-2585



B-2600



B-2615



B-2620

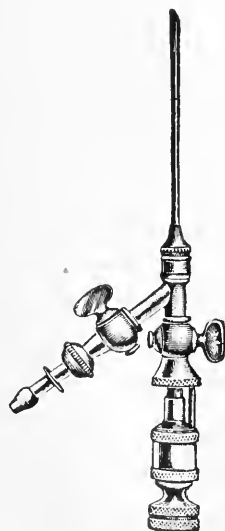


B-2630



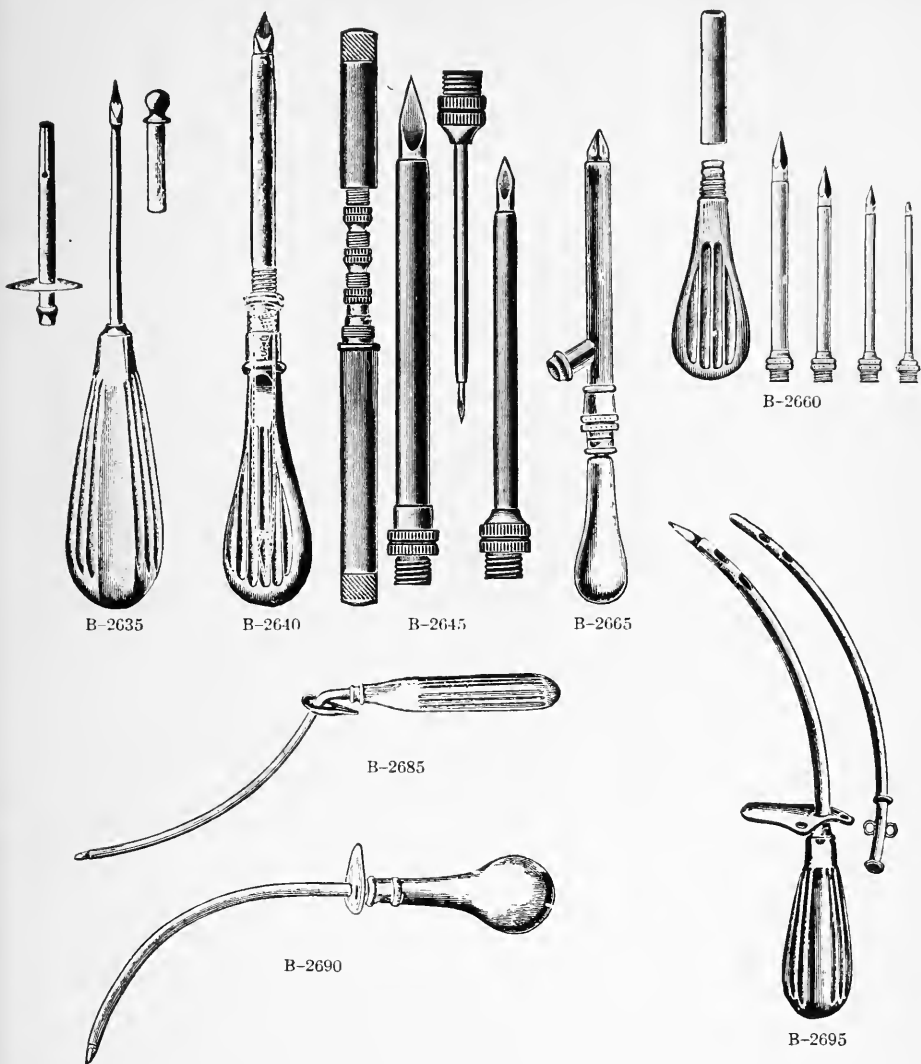
B-2610

Trocars



B-2625

- *B-2570 Trocar, anasarca, **Southey's**.
- B-2575 Trocar, **Birch's**, with perforated canulae.
- *B-2580 Trocar, **Emmet's**, small, No. 10 French scale.
- B-2585 Trocar, exploring, German silver canulae.
- *B-2590 Trocar, **Fowler's**, pocket, with salt infusion needles.
- *B-2595 Trocar, **Guitera's**, perineal.
- B-2600 Trocar, pocket, 4 sizes.
- *B-2605 Trocar, reversible, in wire handle, 6 sizes.
- B-2610 Trocar, **Kashimura's**, thoracic, with stop cock.
- B-2615 Trocar, **Lower's**, for suprapubic drainage of bladder.
- B-2620 Trocar, **Ochsner's**, gall bladder, 3 sizes, $\frac{1}{8}$, $\frac{1}{2}$, $\frac{1}{4}$ inch diameter.
- B-2625 Trocar, **Robinson-Brauer's**, thoracic, for pneumo-thorax.
- B-2630 Trocar, plain, reversible, with off-flow scoop.



Trocars

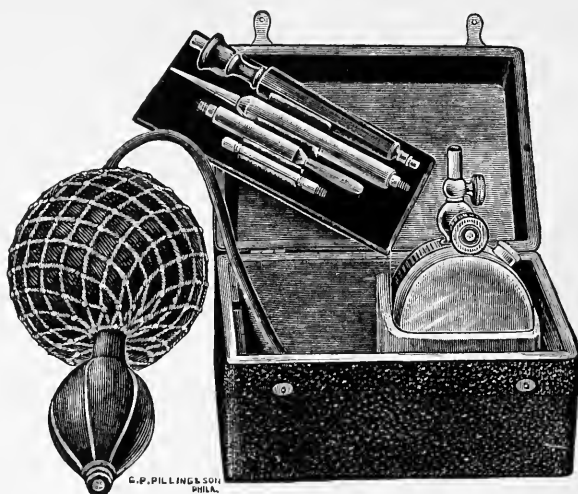
- B-2635 Trocar, with disc and snap canulae, 3 sizes.
B-2640 Trocar, flat handle, reversible, 4 sizes.
B-2645 Trocar, telescopic, pencil case form, 3 in set.
*B-2650 Trocar, telescopic, pencil case form, 4 in set.
*B-2655 Trocar, telescopic, flat handle form, 3 in set.
B-2660 Trocar, telescopic, flat handle form, 4 in set.
*B-2662 Trocar for **Potain's** aspirator, 3 sizes.

Trocars, Ovarian

- B-2665 Emmet's.
*B-2670 Pean's.
*B-2675 Wylie's, blunt.
*B-2680 Wylie's, sharp.

Trocars, Vesical

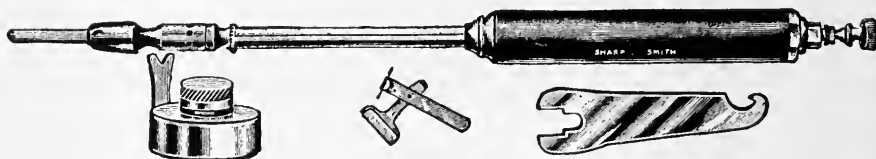
- B-2685 Buck's.
B-2690 Plain.
B-2695 Fleurant's.



B-2720



B-2760



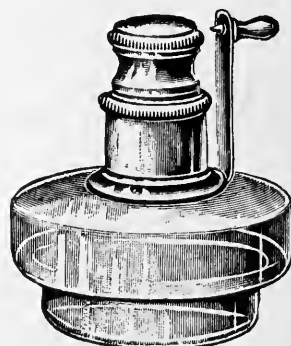
B-2725



B-2750

Thermo and Actual Cauteries

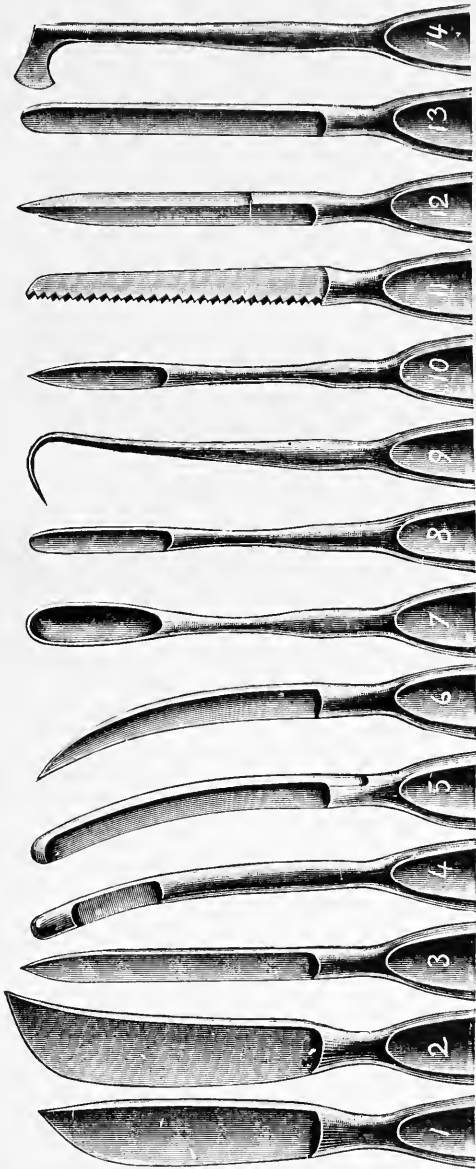
- B-2720 **Paquelin** Thermo Cautery, complete as shown.
- B-2725 Perfected Auto Ether Cautery, complete as shown.
- *B-2730 Thermo Cautery Bulb, pure gum, with net.
- *B-2735 Thermo Cautery Burner, platinum, sharp taper point.
- *B-2740 Thermo Cautery Burner, platinum, knife shape.
- *B-2745 Thermo Cautery Burner, platinum, button point.
- B-2750 Actual Cautery Iron, set of 3, fitting in one handle.
- *B-2755 Actual Cautery Iron, round point, rigid handle.
- *B-2756 Actual Cautery Iron, flat button point, rigid handle.
- *B-2757 Actual Cautery Iron, conical point, rigid handle.
- B-2760 Actual Cautery Copper, light, with wood handle.
- B-2765 Alcohol Lamp for heating thermo cautery burners.
- *B-2770 Gas Stove for heating actual cautery burners.



B-2765



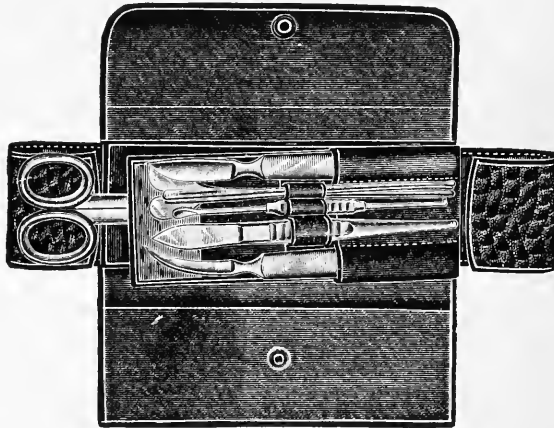
B-2800



B-2805

Pocket Case Knives

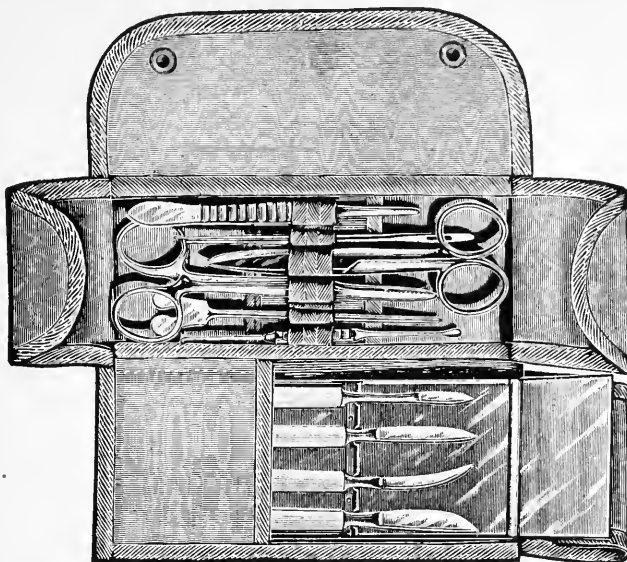
- B-2800 Pocket Case Knife, concave handle, any style blade.
- B-2805 Pocket Case Knife, plain handle, any style blade.
- *B-2810 Pocket Case Knife, plain handle, short.
- *B-2815 Pocket Case Knife, 4 blades, aluminum handle, folding, in pouch.
- *B-2820 Pocket Case Knives, double, aluminum handle.



B-2851

Pocket Cases

- B-2851 **Vest Pocket Case.** Contents: 2 Little's knives, 1 straight scissors, 1 thumb forceps, 1 director and tongue tie, 1 Gross' hook and spoon, needles and silk, in fine black grained leather case.
- B-2852 **Vest Pocket Case.** Contents: 2 Little's knives, 1 straight scissors, 1 thumb forceps, 1 director and tongue tie, 2 probes, 1 Gross' ear spoon and hook, 1 Pean's haemostatic forceps, needles and silk, in black leather case.
Vest Pocket Case No. 2, in fine black grain leather case.
- B-2853 **Vaughan's Vest Pocket Case, Khaki Case,** contents: 2 Little's knives in metal rack, 1 straight scissors, 1 thumb forceps, 1 director and tongue tie, 2 probes, 1 Gross' ear hook and spoon, 1 Pean's haemostat, needles and silk.
- B-2854 **Vaughan's Emergency Pocket Case, Khaki Case,** contents: 1 thermometer in metal case, 1 Luer syringe $1\frac{1}{2}$ cc., 2 Luer needles in clip holders, 1 Lindridge hypo spoon for sterilizing injections, 1 screw cap bottle, 1 bottle asbestos, 1 Mead's abscess knife in metal container, 1 thumb forceps, 5 inches, 1 Tait's haemostat, 1 grooved director and tongue tie, 1 combined male and female catheter, 1 straight scissors, $4\frac{1}{2}$ inches, 1 Lister's bandage scissors, $5\frac{1}{2}$ inches.



B-2858

Pocket Cases

B-2858 **Arthur's Pocket Instrument Set**, contents: 4 knives, 1 thumb dressing forceps, 1 director and tongue tie, 1 pair probes, 1 straight scissors, 1 artery forceps, 1 Gross' ear spoon and hook, needles and silk, in a closely woven, high grade khaki canvas case that can be easily washed or sterilized.

B-2860 **Pocket Case**, contents: 4 long concaved handle knives, 1 straight scissors, 1 thumb forceps, 1 Pean's forceps, 2 probes, 1 director and tongue tie, 1 ear hook and spoon, needles and silk.

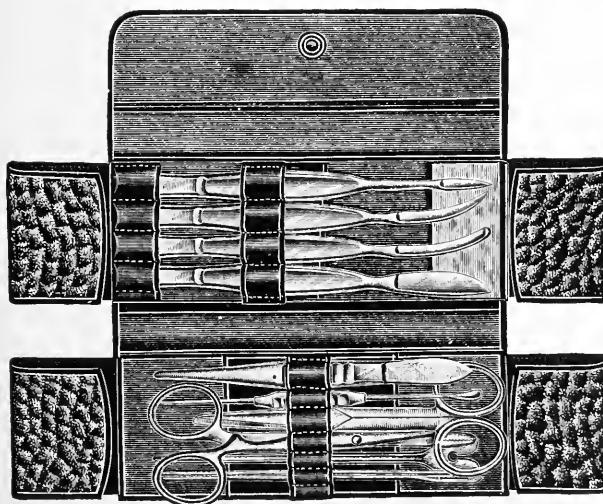
*B-2861 **Pocket Case**, contents: same as B-2860, but with plain handle knives.

Cases put up in black morocco grain leather.

*B-2865 **Pocket Case**, contents: 4 long concaved handle knives, 1 straight scissors, 1 thumb forceps, 1 Pean's forceps, 1 exploring needle, 1 ear spoon and director, 2 probes, 1 needle holder, needles and silk.

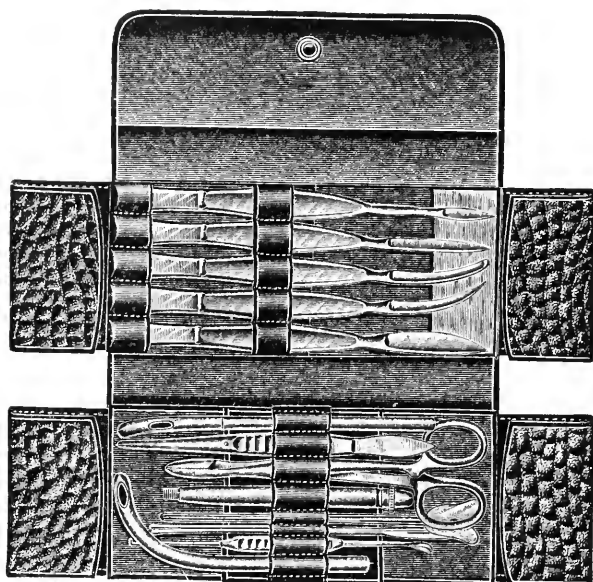
*B-2866 **Pocket Case**, contents: same as B-2865, but with plain handle knives.

Cases put up in black morocco grain leather.



B-2860

Pocket Cases

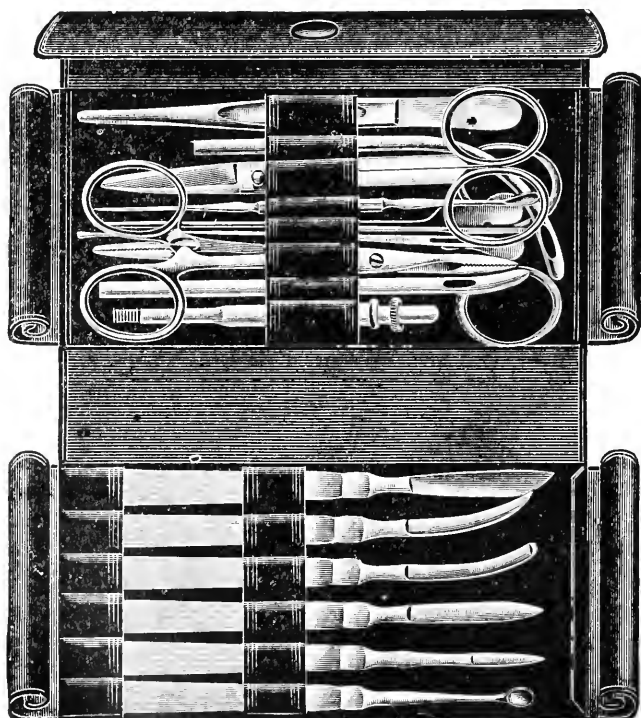


B-2868

B-2868 Pocket Case, contents: 5 long concaved handle knives, 1 Parker's catheter and caustic holder, 1 thumb forceps, 1 straight scissors, 1 Pean's needle forceps, 1 ear hook and spoon, 1 director and tongue tie, 2 probes, needles and silk.

***B-2869 Pocket Case**, contents: same as B-2868, but with plain handle knives.

Cases put up in black morocco grain leather.



B-2875

B-2875 Pocket Case, in genuine calf case.

Contents

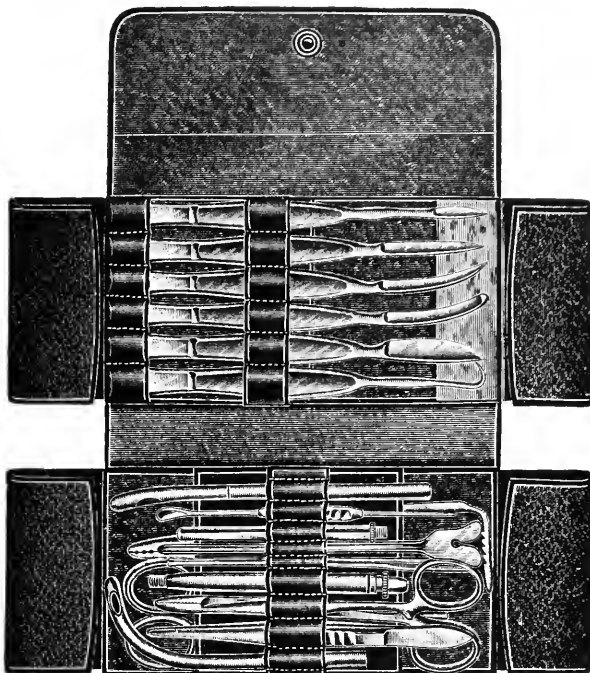
6 Little's knives, assorted
 1 Pean's haemostatic forceps
 1 Jones' haemostatic forceps
 1 straight scissors
 1 thumb forceps
 1 Parker's combined catheter
 1 Gross' ear spoon and hook
 1 director with tongue tie
 1 pair of probes
 Needles and silk

Pocket Cases

B-2880 **Pocket Case**, contents: 6 long concaved handle knives, 1 thumb forceps, 1 Keen's needle holder, 1 straight scissors, 4½ inches, 1 Pean's forceps, 1 ear hook and spoon, 1 Parker's combined catheter and caustic holder, 1 exploring needle, 1 director and tongue tie, 2 probes, needles and silk.

*B-2881 **Pocket Case**, contents: Same as B-2880, but with plain handle knives.

Cases put up in genuine morocco.

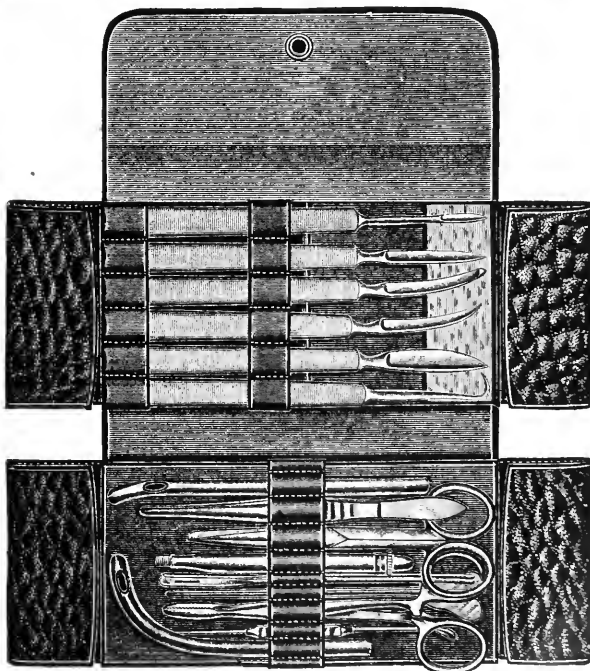


B-2880

B-2885 **Pocket Case**, contents: 6 long plain handle Little's knives, 1 straight scissors, 1 Parker's catheter with caustic holder, 1 Pean's needle forceps, 1 thumb forceps, 1 director and tongue tie, 1 ear hook and spoon, 2 probes, needles and silk.

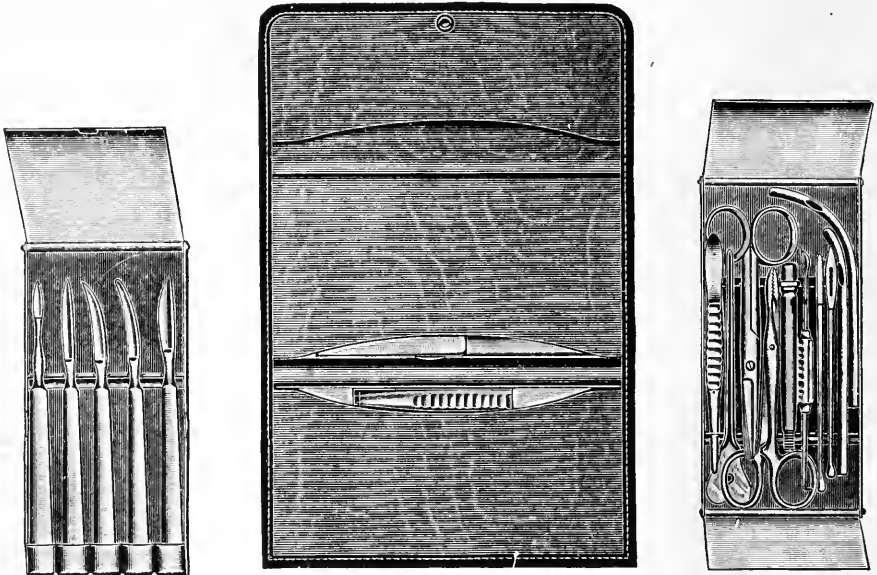
*B-2886 **Pocket Case**, contents: same as B-2885, but with fine concaved handle knives.

Cases put up in black morocco and seal grain leathers.



B-2885

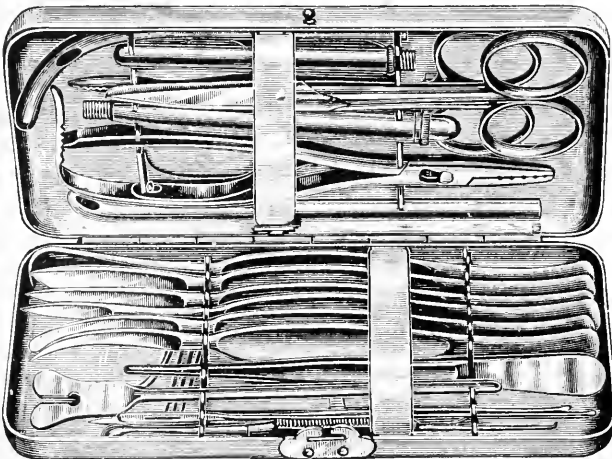
Pocket Cases



B-2870

- B-2870 **The Whitmarsh-Douglass Pocket Case**, plain handled knives, plain leather case.
 *B-2871 **The Whitmarsh-Douglass Pocket Case**, concave handle knives, plain leather case.
 *B-2872 **The Whitmarsh-Douglass Pocket Case**, plain handle knives, khaki case.
 *B-2873 **The Whitmarsh-Douglass Pocket Case**, concave handle knives, khaki case.
 *B-2874 **The Whitmarsh-Douglass Pocket Case**, concave handle knives in fine grained black morocco case.

Contents: 1 scalpel, 1 curved sharp bistoury, 1 curved blunt bistoury, 1 straight sharp bistoury, 1 tenatome, 1 Pean's haemostatic forceps, 1 straight scissors, 1 spring dressing forceps, 1 groove director and tongue tie, 1 Gross' ear instrument, 1 male and female combined catheter with caustic holder, 1 pair silver probes, 1 dozen assorted needles, 1 card twisted silk.

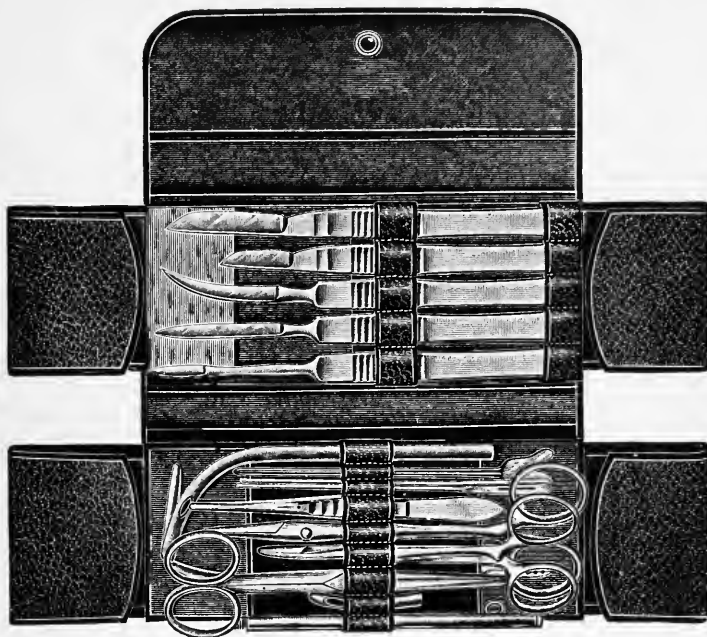


B-2880-a

B-2880-a **Little's Metal Aseptic Case**, with fine concaved handle knives.

*B-2881-a **Little's Metal Aseptic Pocket Case**, with plain handle knives.

Contents: 6 special fine Little's knives, 1 fine scissors, 1 Pean's forceps, 1 Parker's catheter with caustic holder, 1 Keen's needle holder, 1 Gross' ear hook and spoon, 1 metal exploring needle, 1 flat end director, 2 probes, 1 thumb dressing forceps, needles and silk. Case made of German silver, heavily plated. Racks are of metal and can be removed from the case. Measurements, $5\frac{3}{4}$ inches long, $1\frac{3}{4}$ inches wide, $\frac{3}{8}$ inch thick, furnished with cloth button pouch for carrying.



B-2885-a

Pocket Cases and Nurses' Cases

B-2885-a The Jefferson Pocket Case, contents: 5 operating knives, 1 haemostatic forceps, Kelly's, 1 Mathieu needle holder, 1 haemostatic forceps, Pean's, 1 straight scissors, $5\frac{1}{2}$ inches, 1 male and female combined catheter, 1 spring dressing forceps, $4\frac{1}{2}$ inches, 1 groove director and tongue tie, 1 pair silver probes, $4\frac{1}{2}$ inches, 1 dozen needles, assorted, 1 card twisted silk.

***B-2895 Nurses' Pocket Case**, contents: 1 hypodermic syringe, 1 scissors, 1 haemostatic and dressing forceps, 1 glass female catheter, 1 clinical thermometer, in round cornered satin lined case, covered with chocolate colored morocco.

***B-2900 Nurses' Pocket Case**, contents: 1 male and female catheter, 1 clinical thermometer, 1 scissors, 1 thumb dressing forceps, 1 pair probes; case is made of fine black grain leather; pocket case style, very neat and compact.

***B-2905 Nurses' Pocket Case, Bellevue Hospital**, contents: 1 silver female catheter, 1 thermometer with certificate, 1 fine scissors, 1 Pean's haemostatic forceps, 1 silver probe, 1 fine thumb dressing forceps; case is of black morocco.

***B-2906 Nurses' Pocket Case, Bellevue Hospital**, same contents as B-2905, but with plated catheter.



B-2910



B-2915



B-2920

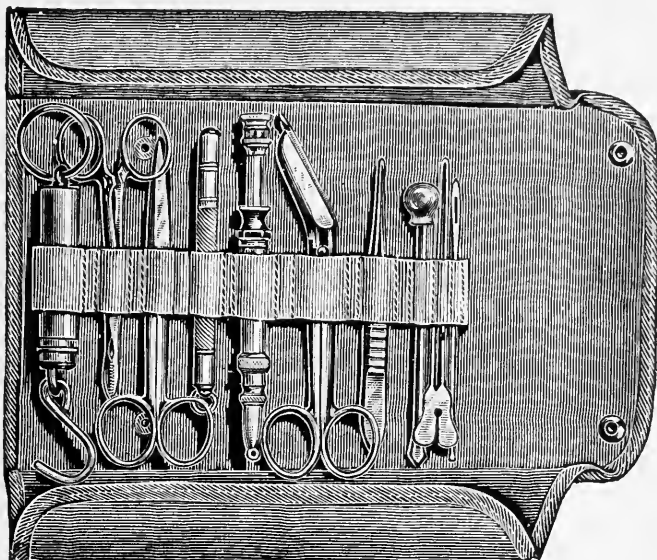
Nurses' Cases

B-2910 Nurses' Chatelaine Case, without closing flaps, furnished with red cross or black chatelaine hook, contents: 1 thumb forceps, 1 all metal hypodermic syringe with needles, 1 scissors, 1 probe, 1 clinical thermometer in metal case, 1 female catheter.

B-2915 Nurses' Chatelaine Case, with closing flaps, furnished with red cross or black chatelaine hook, contents: 1 thumb forceps, 1 all metal hypodermic syringe with needles, 1 scissors, 1 probe, 1 clinical thermometer, in metal case, 1 female catheter, plated; case is made of black morocco or monkey leather grain.

***B-2916 Nurses' Chatelaine Case**, same as B-2915, but in khaki case with red cross hook.

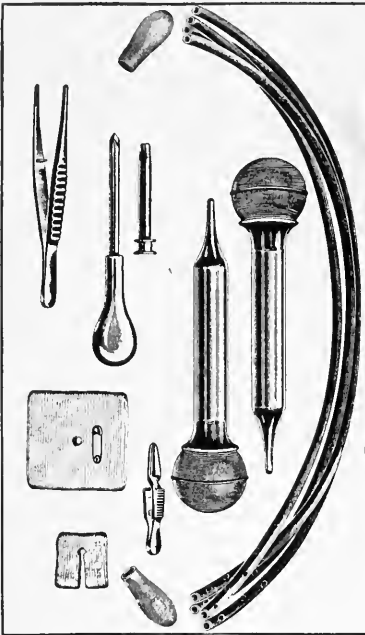
B-2920 Nurses' Companion, Pocket Case, contents: bath thermometer, fine quality, minute clinical thermometer, hypodermic syringe with glass barrel, leather expanding piston, 2 hypodermic needles, Pean's forceps, straight scissors, angular bandage scissors, thumb forceps, pocket knife with 2 blades, pair of probes, lead pencil, 2 hypodermic vials, glass catheter, in folding leather case.



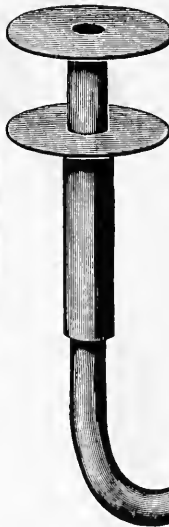
B-2925

Nurses' and Minor and General Operating Cases

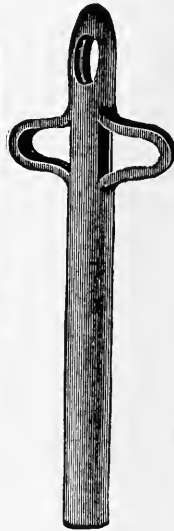
- B-2925 **Training School Nurses' Set**, contents: 1 probe, 1 director* and tongue tie, 1 combined hypodermic syringe with solid gold needle and a one minute clinical thermometer, 1 dressing forceps, 1 bandage scissors, 1 straight scissors, 1 bath thermometer in plated case, 1 haemostatic forceps, and 1 baby scale, put up in very neat tan canvas of special quality.
- *B-2940 **Compact Operating Set**, contents: large amputating saw, removable handle; Liston's $8\frac{1}{2}$ inch bone forceps, with spring; 3 Pean's haemostatic forceps, curved scissors, Keen's needle holder, 5 inches; Esmarch's tourniquet with hook and chain, amputating knife, 7 metal handle operating knives, assorted blades to suit; flat end director, pair of probes, needles and silk; this case is extremely compact and well arranged; every instrument is perfectly aseptic, and mounted in two metal removable racks; the case is handsome and durable with metal corners and has a comfortable handle; the racks are either nickel plated or aluminum, as desired, the latter being considerably lighter.
- *B-2941 **Compact Operating Set**, same as B-2940, but with Galt's trephine and elevator and raspatory added.
- *B-2945 **Compact General Operating Set**, in morocco covered case, contents: large amputating saw, removable handle, medium amputating knife, small Catlin knife; 7 best Minor operating knives, assorted blades to suit; Esmarch's tourniquet, Galt's trephine, Hey's skull saw, trephining elevator and raspatory; $8\frac{1}{2}$ inch bone forceps with spring; large size double end Volkman's bone curette; bone chisel, bone gouge, 2 Tait's haemostatic forceps; 1 reversible metal handle trocar, angular bandage shears, 2 Pean's haemostatic forceps, straight scissors, curved scissors, thumb dressing forceps, lifting back metacarpal saw, large Keen's needle holder, pair Parker's retractors, American bullet forceps with catch, Nelaton's porcelain head bullet probe, pair plated probes, director and aneurism needle, needles and silk assorted.
- *B-2946 **Compact General Operating Set**, same as B-2945, but in sole leather case.



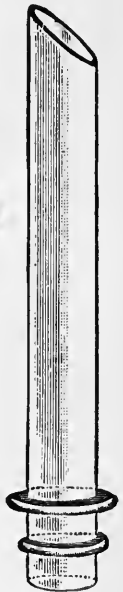
B-2960



B-2980



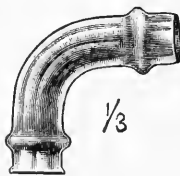
B-2986



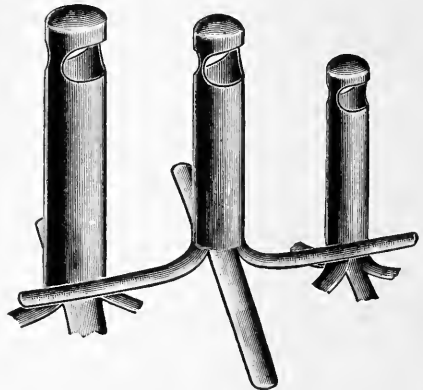
B-2988



B-2995



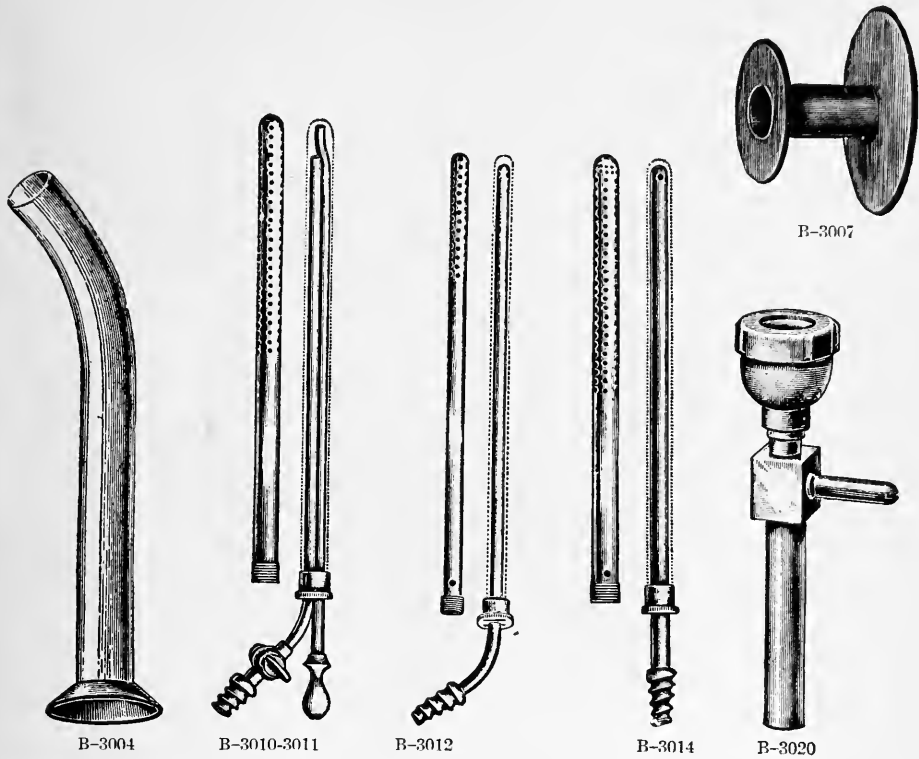
B-2996



B-2982

Drainage Apparatus and Tubes

- *B-2955 **Behan's** Empyema Outfit.
- B-2960 **Mozingo's** Empyema Apparatus, complete as shown.
- *B-2962 **Saugmann's** Pneumo-thorax Apparatus.
- *B-2964 **Forlanini's** Pneumo-thorax Needle, with slip connection.
- *B-2966 **Robinson-Brauer's** Pneumo-thorax Trocar. See B-2625.
- B-2980 **Brewer's**, soft rubber, for empyema, 2 sizes.
- B-2982 **Colton's**, metal, plated, 3 sizes.
- *B-2984 **Ferguson's**, silver, prostatic.
- B-2986 **Kelly's**, soft rubber, for pelvic abscess.
- B-2988 **Moynihan's**, glass, abdominal, straight.
- B-2989 **Moynihan's**, glass, abdominal, curved, 3 sizes.
- B-2995 **Paul's**, glass, for small intestine, 3 sizes.
- B-2996 **Paul's**, glass, for large intestine, 3 sizes.

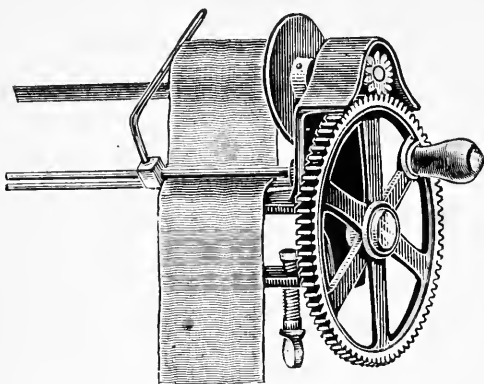


Drainage Tubes

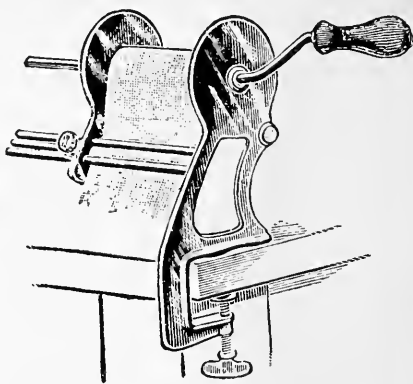
- *B-2998 Plain, soft rubber, assorted sizes.
- *B-3000 Perforated, soft rubber, assorted sizes.
- *B-3002 **Thomas'**, glass, straight, plain.
- *B-3003 **Thomas'**, glass, straight, perforated.
- B-3004 **Thomas'**, glass, curved, plain.
- *B-3005 **Thomas'**, glass, curved, perforated.
- B-3007 **Wilson's**, soft rubber, for empyema, 3 sizes.

Irrigating and Suction Tubes

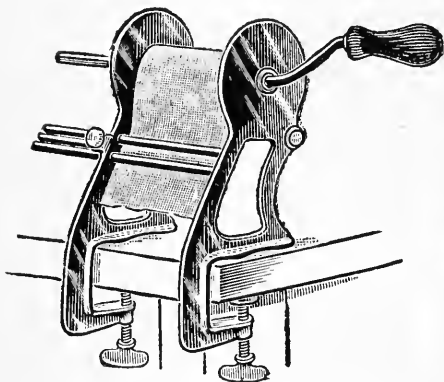
- B-3010 **Poole's**, Abdominal Irrigator, with stop cock, 9 inches long, 30 French scale.
- B-3011 **Poole's**, Abdominal Irrigator, with stop cock, 13 inches long, 1 inch in diameter.
- B-3012 **Poole's**, Abdominal Suction Tube, $8\frac{3}{4}$ inches long, 23 French scale.
- B-3014 **Poole's**, Abdominal Suction Tube, $8\frac{3}{4}$ inches long, 30 French scale.
- B-3020 **Chapman's** Water Suction Pump, for above, with soft rubber slip connection.
- *B-3021 **Chapman's** Water Suction Pump, for above, with metal screw cap connection.



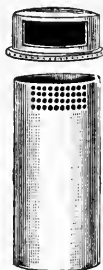
B-3030



B-3032



B-3034



B-3040



B-3050



B-3055

Bandage Rollers

- B-3030 **Douglass**, geared, rapid winding.
- B-3032 **Jobse's**, nickel-plated, with one table clamp.
- B-3034 **Jobse's**, nickel-plated, with two table clamps.

Iodoform Boxes

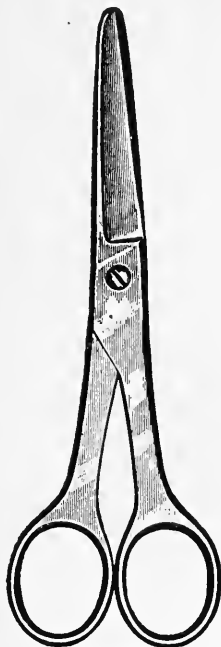
- B-3040 **Fowler's**, metal, nickel-plated.
- *B-3041 **Fowler's**, metal, nickel-plated, with 3 compartments.
- *B-3045 **Green's**, glass, with hard rubber mountings.
- B-3050 Hard Rubber, medium.

Sundries

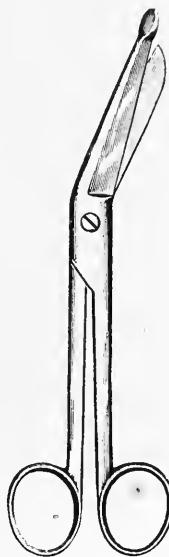
- B-3055 **Gosman's Rust Preventif**, in collapsible tube.
- *B-3056 **Gosman's Rust Preventif**, small jar.
- *B-3057 **Gosman's Rust Preventif**, large jar.
- *B-3060 **Halstead's Silver Foil**, for dressing, 24 leaf books.



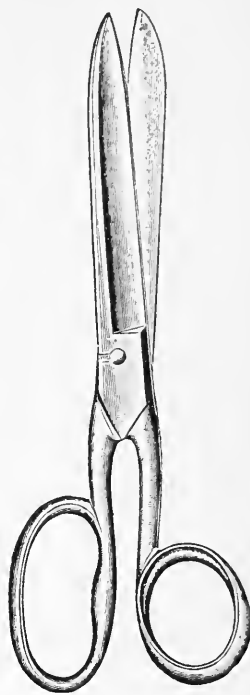
B-3080



B-3085



B-3090



B-3100



B-3105



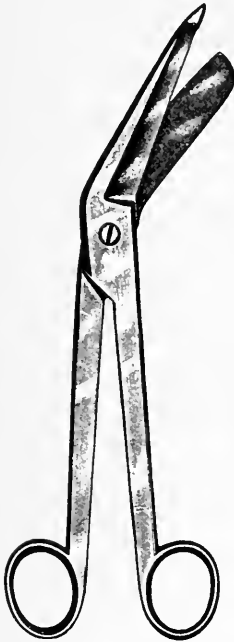
B-3110

Bandage Scissors

- B-3080 Gauze, heavy pattern, $6\frac{1}{2}$ inches and 7 inches.
- B-3085 Gauze, extra heavy pattern, $6\frac{1}{2}$ inches and $7\frac{3}{4}$ inches.
- B-3090 **Lister's**, $4\frac{1}{2}$ inches, $5\frac{1}{2}$ inches, 7 inches and 8 inches.
- *B-3095 **Lister's**, with square shanks, 6 inches and 7 inches.
- B-3100 U. S. A. pattern.

Plaster Bandage Knives

- B-3105 Curved blade.
- B-3110 **Esmarch's**, with wedge.



B-3115-3116



B-3120-3121



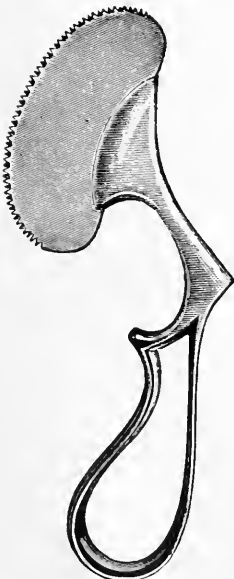
B-3125



B-3135

Plaster Bandage Shears

- B-3115 Esmarch's, 8 inches.
- B-3116 Esmarch's, 9¼ inches.
- B-3120 Esmarch's, with eccentric joint, 8 inches.
- B-3121 Esmarch's, with eccentric joint, 9¼ inches.
- B-3125 Esmarch's, New York Hospital pattern.
- *B-3130 Seutin's.
- *B-3131 Seutin's, with eccentric joint.
- B-3135 Stille's, 9 inches, for one hand.
- *B-3140 Stille's, 14½ inches, heavy, for two hands.
- *B-3145 Wight's.



B-3165

Plaster Bandage Saws

- *B-3160 Bergmann's.
- B-3165 Engel's.

Surgical Dressings

Gauze, Sterilized

- B-3200 1 yard in carton, plain.
- B-3201 5 yards in carton, plain.
- B-3202 25 yards in carton, plain.
- B-3203 100-yard rolls, **Unsterilized**.
- B-3210 1 yard, plain, moist, in glass jar.
- B-3211 5 yards, plain, moist, in glass jar.
- B-3212 1 yard, sublimated, moist, in glass jar.
- B-3213 5 yards, sublimated, moist, in glass jar.
- B-3214 1 yard, iodoform, moist, in glass jar.
- B-3215 5 yards, iodoform, moist, in glass jar.

Individual Packages

- B-3220 **Individual**, No. 1, each carton contains 10 pieces of gauze, 1 x 18 inches, each piece sterilized and individually wrapped, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform and thymol iodide.
- B-3225 **Individual**, No. 2, each carton contains 5 pieces of gauze, 2 x 18 inches, each piece sterilized and individually wrapped, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform and thymol iodide.
- B-3230 **Individual**, No. 3, each carton contains 2 pieces of gauze 4½ x 36 inches, individually wrapped and sterilized, also put up, 25 pieces in a box, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform, picric acid and thymol iodide.
- B-3235 **Individual**, No. 4, each carton contains 1 piece of gauze, 9 x 36 inches, wrapped and sterilized, also put up, 25 pieces in a box, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform, picric acid and Thymol iodide.
- B-3240 **Individual**, No. 5, this is a piece of gauze, 18 x 36 inches, individually wrapped and sterilized, 25 pieces in a box, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform, picric acid and thymol iodide.
- B-3245 **Individual**, No. 6, this is a piece of **close mesh** gauze, 36 x 36 inches, individually wrapped and sterilized, 25 pieces in a box, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform, picric acid and thymol iodide.
- B-3250 **Individuals**, No. 6 Special; this is a piece of **medium mesh plain gauze**, 36 inches wide and 36 inches long (1 square yard), individually wrapped and sterilized, 26 pieces in a box.
- B-3255 **Individuals**, Assorted No. 1; a complete assortment of gauze dressings, each individually wrapped and sterilized, containing: 10 pieces Individuals No. 6 (1 yard); 10 pieces Individuals No. 5 (½ yard); 10 pieces Individuals No. 4 (¼ yard); 10 pieces Individuals No. 3 (⅓ yard), 2 cartons Individuals No. 2; each carton contains 5 pieces of gauze 2 inches wide, 18 inches long; 2 cartons Individuals No. 1; each carton contains 10 pieces of gauze, 1 inch wide, 18 inches long.
- B-3260 **Umbilical Dressing**, No. 1; a compact and sterile dressing for the umbilical cord, consisting of 2 gauze pads, 4 inches square, one being perforated in the centre to slip over the cord, and the other to complete the dressing; an envelope containing 2 pieces of Umbilical Tape, each ten inches long; a tube of boric acid to make a solution for cleansing the infant's eyes and mouth immediately after birth and afterwards for bathing the nipples and washing the baby's mouth before and after nursing. This Umbilical Dressing is distinguished for its convenience, compactness and safety.
- B-3265 **Umbilical Dressing**, No. 2; contains the same articles as the Umbilical Dressing No. 1, with the addition of one tube of Umbilical Cord Powder, composed of acid salicylic and starch, and one ampoule silver nitrate solution, 1 per cent, which is intended for instillation into the eyes of infants to prevent ophthalmia neonatorum; the ampoule is of amber glass and is so shaped that it can be opened at both ends; a rubber nipple is included, making the container a medicine dropper.

Surgical Dressings

- B-3270 **Umbilical Tape**, in sealed envelope.
 B-3271 **Umbilical Tape**, 20 yards, in bottle.
 B-3272 **Umbilical Tape**, in sealed tubes.

Gauze Strips in Glass Tubes, Sealed and Sterilized

- B-3275 Plain, aseptic, $\frac{1}{2}$ inch by 6 yards.
 B-3276 Plain, aseptic, 1 inch by $3\frac{1}{2}$ yards.
 B-3280 Iodoform, $\frac{1}{2}$ inch by 6 yards, 5 per cent.
 B-3281 Iodoform, 1 inch by $3\frac{1}{2}$ yards, 5 per cent.
 B-3282 Iodoform, in glass jars, 1 inch by 20 yards, 5 per cent.
 B-3283 Iodoform, in glass jars, 2 inches by 10 yards, 5 per cent.

Tampons, Wool

- B-3290 Large, $1 \times 2\frac{3}{4}$ inches approximately, 12 in a box.
 B-3291 Small, $\frac{1}{2} \times 2\frac{1}{8}$ inches approximately, 12 in a box.

Gauze Bandages, Sterilized, Each Wrapped in Sealed Paper

- B-3292 1 inch by 10 yards.
 B-3293 $1\frac{1}{2}$ inches by 10 yards.
 B-3294 2 inches by 10 yards.
 B-3295 $2\frac{1}{2}$ inches by 10 yards.
 B-3296 3 inches by 10 yards.
 B-3297 $3\frac{1}{2}$ inches by 10 yards.
 B-3298 4 inches by 10 yards.

Cotton Roller Bandages, Unbleached Muslin, Paper Wrapped

- B-3300 1 inch by 5 yards.
 B-3301 2 inches by 5 yards.
 B-3302 3 inches by 5 yards.
 B-3303 4 inches by 5 yards.

Plaster Paris Bandages, Each Bandage in Airtight Metal Container

- B-3305 $1\frac{1}{2}$ inches by 5 yards.
 B-3306 2 inches by 5 yards.
 B-3307 $2\frac{1}{2}$ inches by 5 yards.
 B-3308 3 inches by 5 yards.
 B-3309 $3\frac{1}{2}$ inches by 5 yards.
 B-3310 4 inches by 5 yards.

Adhesive Plaster, Zinc Oxide

- B-3320 7 inches by 1 yard, roll.
 B-3321 12 inches by 5 yards, roll.
 B-3325 $\frac{1}{4}$ inch by 10 yards, on spool.
 B-3326 1 inch by 10 yards, on spool.
 B-3327 $1\frac{1}{2}$ inches by 10 yards, on spool.
 B-3328 2 inches by 10 yards, on spool.
 B-3329 $2\frac{1}{2}$ inches by 10 yards, on spool.
 B-3330 3 inches by 10 yards, on spool.
 B-3331 $3\frac{1}{2}$ inches by 10 yards, on spool.
 B-3332 4 inches by 10 yards, on spool.
 B-3335 7 inches by 1 yard, roll. **On Moleskin Cloth.**
 B-3336 12 inches by 5 yards, roll. **On Moleskin Cloth.**

Absorbent Cotton, Sterilized, Fine Quality, Packed in Cartons

- B-3340 1 pound package.
 B-3341 8-ounce package.
 B-3342 4-ounce package.
 B-3343 2-ounce package.
 B-3344 1-ounce package.
 B-3345 $\frac{1}{2}$ ounce package.

Absorbent Cotton, Unsterilized, Plain Quality, in Paper Rolls

- B-3350 1-pound package.

Non-Absorbent Cotton, Sterilized, Packed in Cartons

- B-3355 1-pound package.

Miscellaneous Dressings, etc. Lamb's Wool, Sterilized, in Cartons

- B-3360 1-pound package.
 B-3361 8-ounce package.
 B-3362 4-ounce package.
 B-3363 1-ounce package.

Surgeons' Aseptic Towels

- B-3370 18×24 inches, each in carton.

Simpson's Intra Nasal Tampons

- B-3375 Large size, 4 dozen in box.
 B-3376 Small size, 4 dozen in box.

Redintol Cotton, For Use with Redintol Burn Dressing

- B-3380 100 sheets, 9×12 inches, in box.
 B-3381 1 pound cake, Redintol Burn Dressing.
 B-3385 **Lubricating Jelly**, soluble in water, in collapsible tube.
 B-3390 **Gutta Percha Tissue**, 1-yard package.
 B-3391 **Gutta Percha Tissue**, 1-pound package.

Cellosilk

- B-3400 Hospital, heavy, double weight, impervious form, 18 inches by 12 feet.
 B-3401 Hospital, single weight, impervious form, 18 inches by 12 feet.
 B-3402 Standard, heavy, double weight, impervious form, 9 inches by 12 feet.
 B-3403 Standard, single weight, impervious form, 9 inches by 12 feet.
 B-3405 Standard Perforated, double weight, 9 inches by 12 feet.

Oiled Silk

- B-3410 30 inches by 1 yard, roll.
 B-3411 30 inches by 5 yards, roll.

Oiled Muslin

- B-3415 36 inches by 1 yard, roll.
 B-3416 36 inches by 5 yards, roll.

Oiled Dressing Paper

- B-3420 24 inches by 25 yards, roll.

Surgeons' Rubber Gloves

- B-3430 Pure Gum, seamless, medium weight, long or short fingers, rough or smooth finish.



B-3501



B-3506



B-3510



B-3520-3526

Surgeons' and Nurses' Gowns

The regular weight gowns are made of fine grade heavy **Linene**.

The lightweight gowns are made of fine grade **Muslin**.

When ordering, specify whether regular weight or lightweight are desired.

Regular stock sizes of S A S Nurses' Gowns are:

Bust: 36 inches, 38 inches, 40 inches, 42 inches, 44 inches, 46 inches, 48 inches.

Length: 48 inches, 50 inches, 50 inches, 52 inches, 54 inches, 56 inches, 58 inches.

Special sizes are made to order

B-3510 S A S Nurses' Gowns, high collar, long or short sleeves.

B-3511 S A S Nurses' Gowns, without collar, long or short sleeves.

B-3512 S A S Nurses' Gowns, with V-neck, long or short sleeves.

Regular stock sizes of Surgeons' Gowns are:

Chest: 38 inches, 40 inches, 42 inches, 44 inches, 46 inches, 48 inches, 48 inches.

Length: 50 inches, 50 inches, 52 inches, 54 inches, 56 inches, 58 inches, 60 inches.

Special sizes are made to order

*B-3500 S A S Standard Gowns, long sleeves.

B-3501 S A S Standard Gowns, short sleeves.

*B-3505 S A S Yoke Gowns, long sleeves.

B-3506 S A S Yoke Gowns, short sleeves.

*B-3515 S A S Operating Coats, high neck, military collar, white Linene.

*B-3516 S A S Operating Trousers, pajama style, white Linene.

*B-3518 S A S Operating Suits, one piece, made in small, medium and large.

B-3520 S A S Office Coats, military style, white Linene.

B-3521 S A S Office Coats, military style, heavy white Duck.

B-3525 S A S Office Trousers, military style, white Linene.

B-3525 S A S Office Trousers, military style, heavy white Duck.

Regular stock sizes of S A S Operating or of Office Coats are:

Chest: 36 inches, 38 inches, 38 inches, 40 inches, 42 inches, 44 inches, 46 inches, 48 inches.

S A S Pajama style Operating Trousers are made small, medium and large, with drawstrings to tie at waist and plain bottoms which may be rolled up.

Regular stock sizes of Office Trousers are:

Waist: 30 inches, 31 inches, 31 inches, 32 inches, 33 inches, 33 inches, 33 inches, 34 inches,

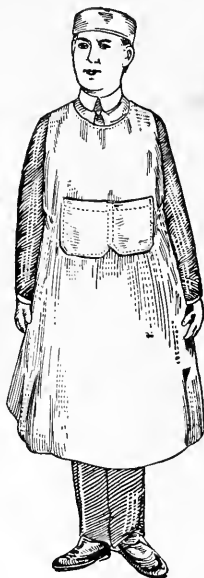
Inseam: 30 inches, 31 inches, 32 inches, 32 inches, 32 inches, 33 inches, 35 inches, 36 inches,

Waist: 34 inches, 34 inches.

Inseam: 38 inches, 40 inches.



B-3530



B-3535-3542



B-3555



B-3560



B-3566



B-3561



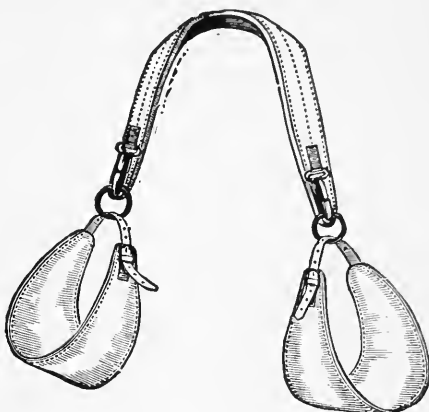
B-3565

Contagious Disease Gowns, Operating Aprons and Caps

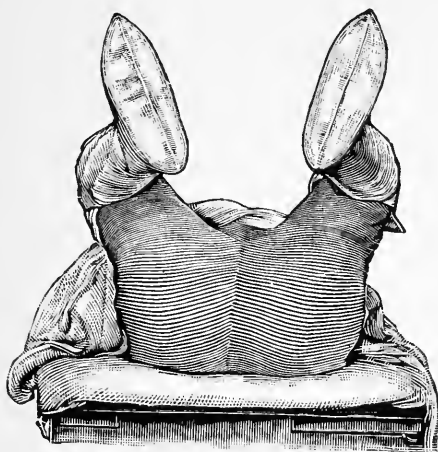
- B-3530 Contagious Disease Gowns, sizes same as operating gowns.
- B-3531 Patient's Gown, Stock Lengths, 29, 35, 40, 45 inches.
- B-3531-6 Visitors' Capes.
- B-3535 Aprons, white twill, short, 46 inches.
- B-3135-5 Children's Gowns.
- B-3536 Aprons, white twill, medium, 50 inches.
- B-3537 Aprons, white twill, long, 54 inches.
- B-3540 Aprons, rubber, short, 46 inches.
- B-3541 Aprons, rubber, medium, 50 inches.
- B-3542 Aprons, rubber, long, 54 inches.
- *B-3545 Aprons, **Valentines**, rubber, for use by patient.
- *B-3550 Aprons, oiled fabric, small.
- *B-3551 Aprons, oiled fabric, medium.
- *B-3552 Aprons, oiled fabric, large.
- B-3555 Surgeons' Caps, plain.
- *B-3556 Surgeons' Caps, ventilated.
- B-3560 **Mayo's** Head Cover, plain.
- B-3561 **Mayo's** Head Cover, ventilated.
- B-3565 Nurses' Caps, plain.
- B-3566 Nurses' Caps, helmet.
- *B-3570 Surgeons' Operating Shoes, to cover street shoes, small, medium and large.



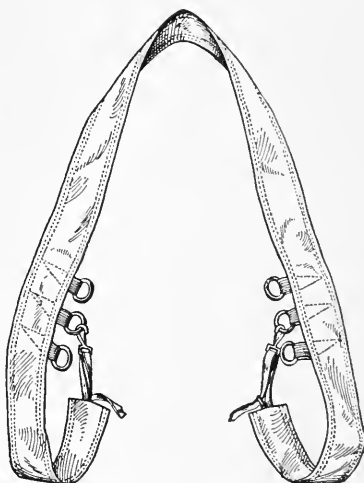
B-3580



B-3585



B-3590



B-3595

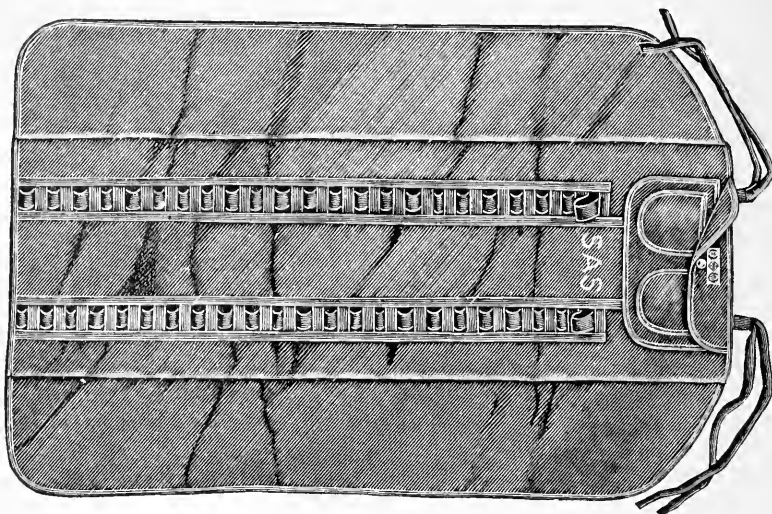
Leg Holders

B-3580 **Clover's** Crutch, lithotomy position, leather covered.

B-3585 **Kelly's**, made of heavy canvas.

B-3590 **Mallet's**, made of heavy canvas.

B-3595 **Robb's**, made of heavy canvas.



B-3600-3635

SAS Instrument Rolls

These rolls are well made and easily washed. They have two large and two small pockets at the end of the roll for sutures and small articles.

They are made with either single or double rows of adjustable loops.

Sizes Nos. 1, 2 and 3 are usually used for Uterine, Urethral and General Operating Instruments. Nos. 4, 5 and 6 are especially designed for Obstetrical instruments.

Special sizes and styles made to order promptly.

White Canvas (regular)

B-3600	No. 1, 12 x 23 inches, 13 single row loops.
B-3601	No. 2, 12 x 29 inches, 17 single row loops.
B-3602	No. 3, 12 x 35 inches, 21 single row loops.
B-3603	No. 4, 15 x 23 inches, 13 single row loops.
B-3604	No. 5, 15 x 29 inches, 17 single row loops.
B-3605	No. 6, 15 x 35 inches, 21 single row loops.
B-3606	No. 7, 9½ x 24 inches, 25 single row loops.
B-3607	No. 8, 8 x 12 inches, 13 single row loops.
B-3608	No. 1, 12 x 23 inches, 13 double row loops.
B-3609	No. 2, 12 x 29 inches, 17 double row loops.
B-3610	No. 3, 12 x 35 inches, 21 double row loops.
B-3611	No. 4, 15 x 23 inches, 13 double row loops.
B-3612	No. 5, 15 x 29 inches, 17 double row loops.
B-3613	No. 6, 15 x 35 inches, 21 double row loops.
B-3614	No. 7, 9½ x 24 inches, 25 double row loops.
B-3615	No. 8, 8 x 12 inches, 13 double row loops.
B-3616	No. 13, 14½ x 32 inches, 22 double row loops.

Special Fast Tan High Grade Khaki

B-3620	No. 1, 12 x 23 inches, 13 single row loops.
B-3621	No. 2, 12 x 29 inches, 17 single row loops.
B-3622	No. 3, 12 x 35 inches, 21 single row loops.
B-3623	No. 4, 15 x 23 inches, 13 single row loops.
B-3624	No. 5, 15 x 29 inches, 17 single row loops.
B-3625	No. 6, 15 x 35 inches, 21 single row loops.
B-3626	No. 7, 9½ x 24 inches, 25 single row loops.
B-3627	No. 8, 8 x 12 inches, 13 single row loops.
B-3628	No. 1, 12 x 23 inches, 13 double row loops.
B-3629	No. 2, 12 x 29 inches, 17 double row loops.
B-3630	No. 3, 12 x 35 inches, 21 double row loops.
B-3631	No. 4, 15 x 23 inches, 13 double row loops.
B-3632	No. 5, 15 x 29 inches, 17 double row loops.
B-3633	No. 6, 15 x 35 inches, 21 double row loops.
B-3634	No. 7, 9½ x 24 inches, 25 double row loops.
B-3635	No. 8, 8 x 12 inches, 13 double row loops.

NOTE—In ordering please specify size and material wanted.

Section "C"



Eye

Ear

Nasal

Dermal

Oral

Tonsil

Tracheal

Laryngeal

Esophageal

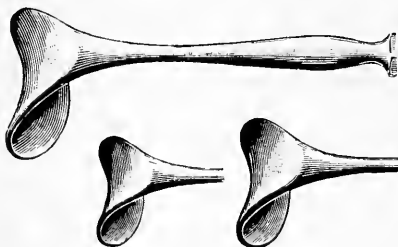
Stomach

Intestinal

Gall Bladder



C-10



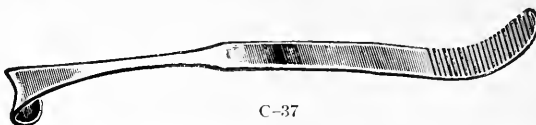
C-30



C-40



C-36



C-37



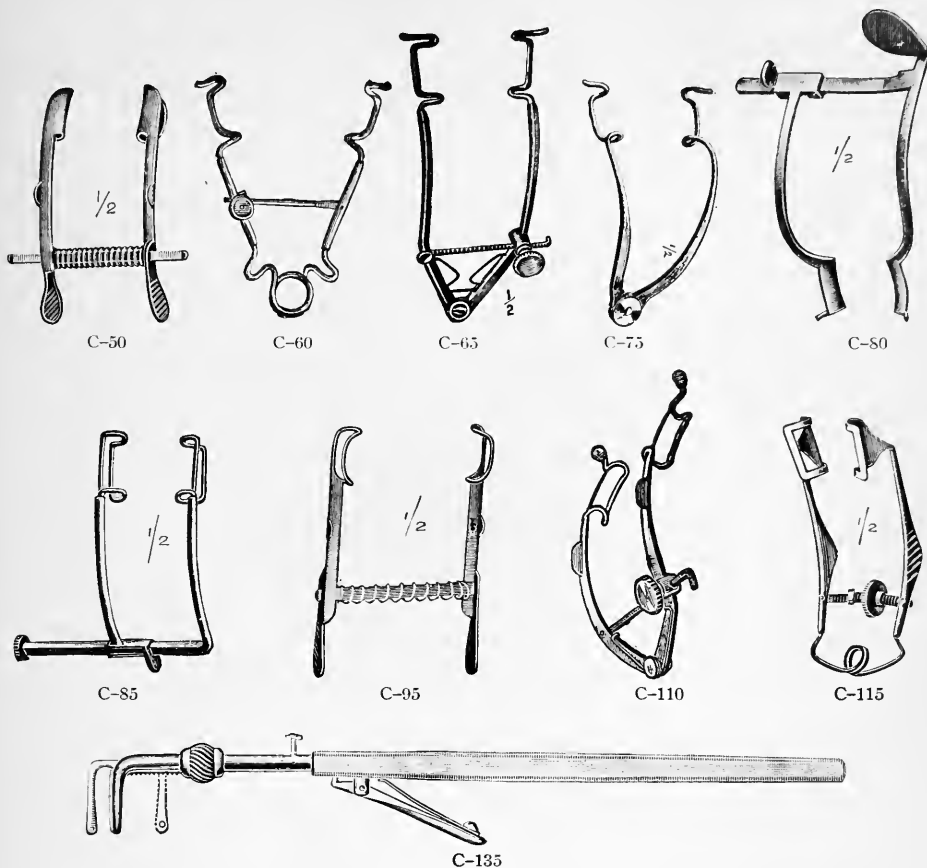
C-38

Condensing Lenses, Illuminators, Ophthalmoscopes and Retinoscopes

- *C- 5 Condensing Lens, 2 inches, hard rubber rim, 13 dioptar.
- *C- 6 Condensing Lens, double, 13 and 20 dioptar.
- *C- 7 Condensing Lens, with metal rim and handle.
- *C- 8 **Dr. Berger's** Loupe with metal head band.
- *C- 9 **Dr. Berger's** Loupe with webbing head band.
- *C-10 Ocular Transilluminator, **E.S.I. Co.**
- *C-11 Ophthalmoscope, **Loring's**, 19 lens.
- *C-12 Ophthalmoscope, **Loring's**, electrical, with mirror, in case.
- *C-13 Ophthalmoscope, **Morton's**, electrical, with mirror, on battery handle.
- *C-14 Retinoscope Mirror, plain or concave, $1\frac{1}{2}$ inches, regular handle.
- *C-15 Retinoscope Mirror, plain or concave, $1\frac{1}{2}$ inches, folding handle.
- *C-16 Retinoscope Mirror, **Thorington's**, $\frac{3}{4}$ inch.
- *C-17 Retinoscope Mirror, **Thorington's**, $\frac{3}{4}$ inch, with folding cover.
- *C-18 Retinoscope, electrical, on battery handle, in case.
- *C-19 Retinoscope and Ophthalmoscope, electrical, on battery handle, in case.
- *C-20 Asbestos Chimney, with iris diaphragm.

Eyelid Retractors

- *C-30 **Desmarre's**, 4 sizes.
- *C-35 **Fisher's**, lid hook, double, latest model.
- *C-36 **Fisher's**, fenestrated, flexible for shaping.
- *C-37 **Fisher's**, solid, flexible for shaping.
- *C-38 **Fisher's**, for lower lid.
- *C-40 **Ziegler's**, one size.



Eye Specula

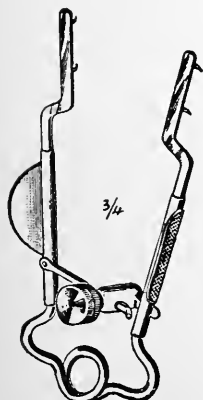
- C- 50 Beard's, solid blades, non-magnetic.
- C- 55 Brand's, with swivel blades.
- C- 60 Critchet's.
- C- 65 Fox's, with open or closed blades.
- C- 70 Graefe's, plain.
- C- 75 Major Smith's, nickel-plated or gold-plated.
- C- 80 Monosmith's, non-magnetic.
- C- 85 Murdoch's, steel.
- C- 90 Noyes', improved, with screw.
- C- 95 Pana's.
- C-100 Plain, wire.
- C-105 Weber's, for either eye.
- C-110 Weeks'.
- C-115 Ziegler's, latest pattern.

Lachrymal Sac Retractors and Tendon Tuckers

- C-130 Mueller's Lachrymal Sac Retractor.
- C-135 Clark-Bruns Tendon Tucker.
- C-140 Todd's Tendon Tucker.

Lid Plates and Strabismometer

- C-145 Jaeger's Lid Plate, hard rubber.
- C-146 Jaeger's Lid Plate, ivory.
- C-150 Lawrence's Strabismometer.



C-130

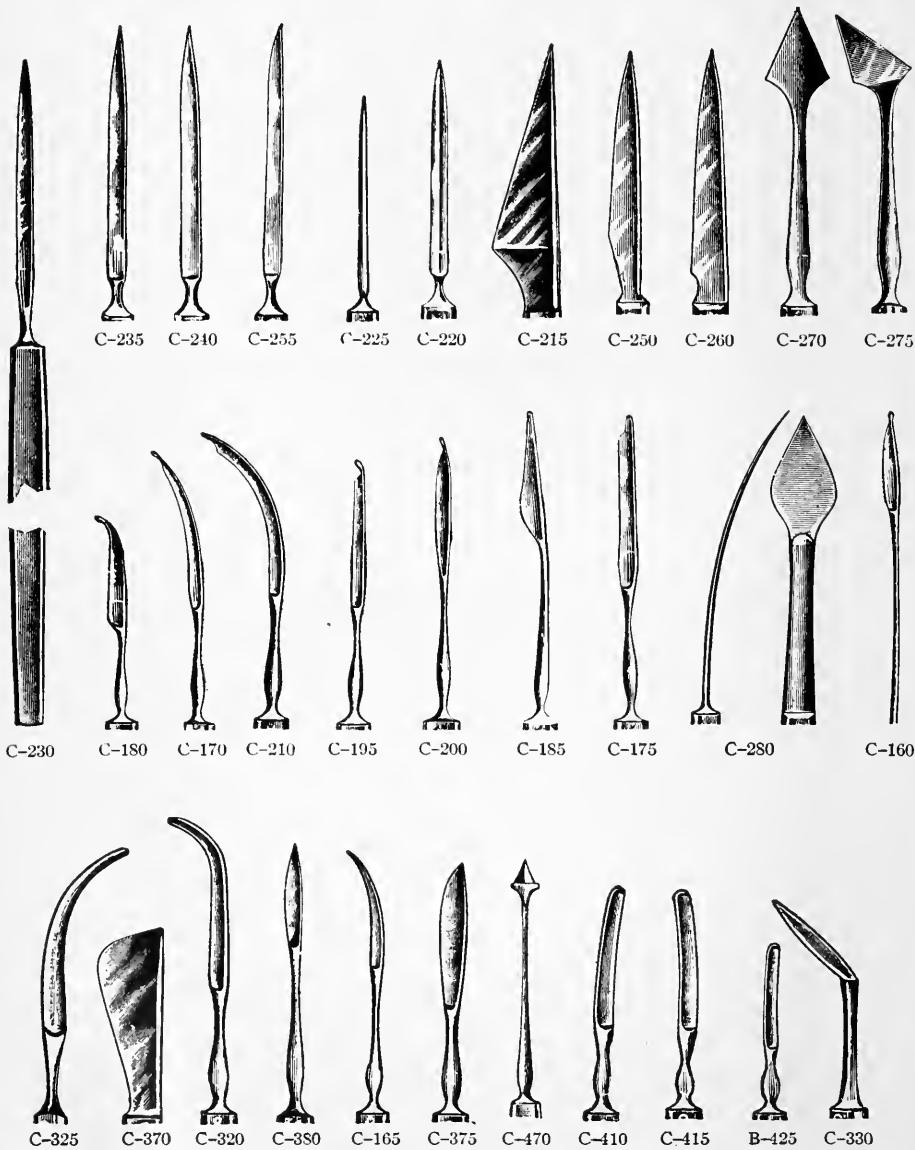


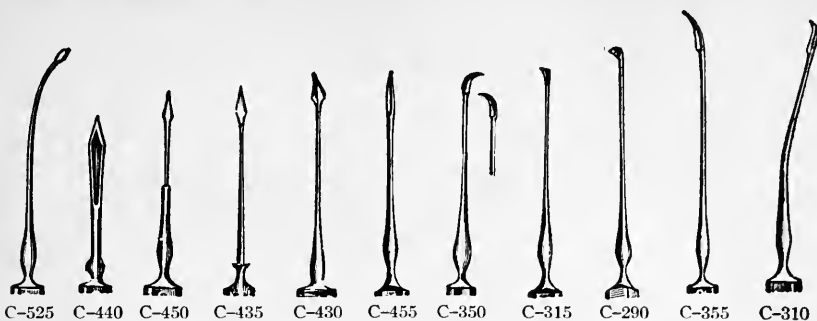
C-140

Eye Instruments



Box for Holding Eye Instruments





Eye Instruments

Canalicula Knives

- C-160 Agnew's.
- C-165 Bowman's, sharp.
- C-170 Bowman's, probe point.
- C-175 Noyes'.
- C-180 Noyes'-Stilling's.
- C-185 Schmidt-Rimpler's.
- *C-190 Thomas'.
- C-195 Weber's, straight.
- C-200 Weber's, straight English pattern.
- *C-205 Weber's, half curved.
- C-210 Weber's, full curved.

Cataract Knives

- C-215 Beer's, 3 sizes.
- C-220 Deutschmann's.
- C-225 Graefe's, delicate.
- C-230 Graefe's, small.
- C-235 Graefe's, medium.
- C-240 Graefe's, large.
- C-245 Green's, for Indian operation.
- C-250 Jackson's.
- C-255 Knapp's.
- C-260 Monoyer's.
- *C-265 Schweigger's.

Keratomes

- C-270 Jaeger's, straight, 3 sizes.
- C-275 Jaeger's, angular, 3 sizes.
- C-280 Landolt's, curved.
- *C-285 Lichtenberg's, angular, probe.

Cystotomes

- C-290 Beard's.
- *C-295 Graefe's.
- *C-300 Graefe's, right.
- *C-305 Graefe's, left.
- C-310 Knapp's.
- C-315 Wilder's.

Enucleation Knives

- C-320 Monosmith's.

Excentration Knives

- C-325 Beard's, knife spatula.

Iridectomy Knives

- C-330 Agnew's.
- *C-335 Crichtet's.

Iris Knives

- *C-340 Adams'.
- *C-345 Double-edged.
- C-350 Graefe's.
- C-355 Hayes'.
- *C-360 Sichel's.
- *C-365 Single-edge, with stop.

Lid Knives

- C-370 Beard's.

Scalpels

- C-375 Bellied, 3 sizes.
- C-380 Center point, 3 sizes.

Scarifiers

- *C-385 Desmarre's.
- *C-390 Graefe's.

Scleratomes

- *C-395 DeWecker's.
- *C-400 Galezowski's.

Secondary Knives

- *C-405 Blake's, straight.
- C-410 Concaved edge.
- C-415 Convexed edge.
- *C-420 Galezowski's.
- C-425 Straight edge.

Cataract Needles

- C-430 Curved.
- C-435 Straight.
- C-440 Walton's, grooved.

Iris Needles

- *C-445 Beer's, straight.
- C-450 Bowman's, with stop.
- C-455 Knapp's Knife Needle.
- *C-460 Knapp's Knife Needle, with stop.
- *C-465 Zirn's.

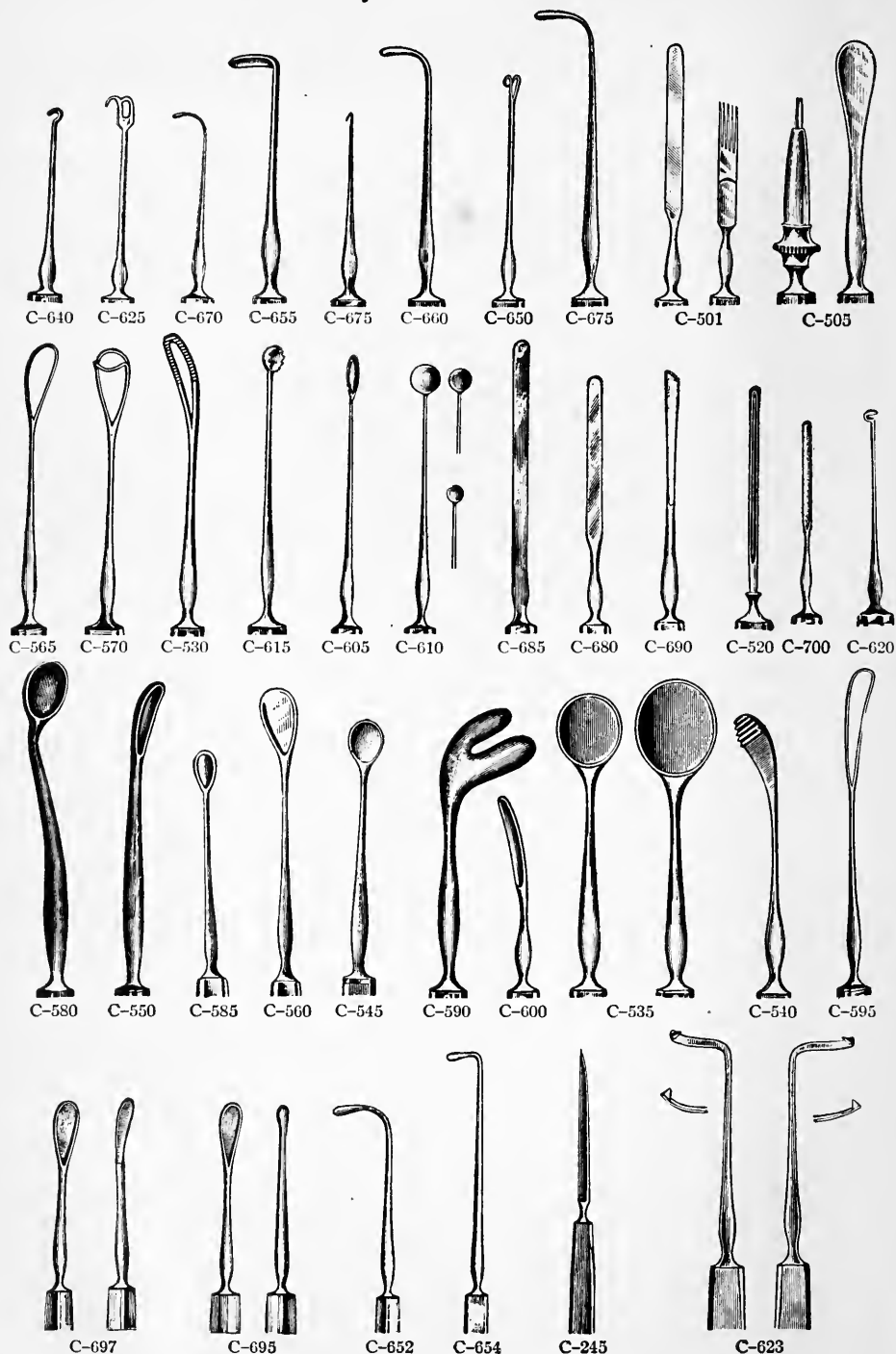
Paracentesis Needles

- C-470 Desmarre's, straight.
- *C-475 Plain.

Suture Needles

- *C-480 Delarozza's.
- *C-485 Himley's.
- *C-490 Prince's.

Eye Instruments

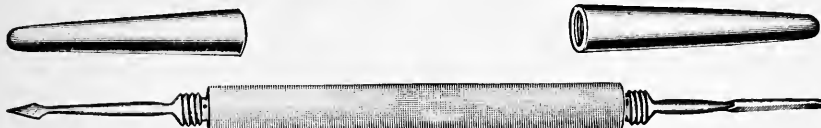




C-710



C-715



C-720



C-730

Eye Instruments

Tattooing Needles

- *C-495 Agnew's.
- *C-500 Baeder's.
- C-501 Baeder's, with spatula.
- C-505 DeWecker's, with spatula.

Gouges

- *C-510 Kuhnt's.
- *C-515 Todd's, triangular point.
- C-520 Walton's.

Probes

- *C-525 DeWecker's.

Scoops

- C-530 Arlt's, fenestrated.
- C-535 Bunge's, excentration.
- C-540 Critchett's, serrated.
- C-545 Daviel's.
- C-550 Graefe's, hard rubber.
- *C-555 Graefe's, shell.
- C-560 Knapp's, silver.
- C-565 Lewis', fenestrated.
- C-570 Prince's, fenestrated cataract retractor.

- *C-575 Schmidt-Rimpler's.
- C-580 Shell, lens, curved.
- C-585 Waldau's, silver.
- C-590 Well's, enucleation.
- C-595 Wilder's, fenestrated.

Curettes

- C-600 Daviel's, chalazion.
- C-605 Hebra's, chalazion.
- C-610 Meyerhoeffer's, chalazion.
- C-615 Skeel's, chalazion.
- C-620 Wheeler's, corneal.

Hooks

- *C-622 Corelysis, Fox's, double.
- C-623 Cystotome, Fox's, double.
- C-625 Fixation, Guthrie's.
- *C-630 Foreign body, Graefe's.
- *C-635 Iris, angular.
- C-640 Iris, Tyrell's, blunt.
- *C-645 Iris, Tyrell's, sharp.
- C-650 Lens, Graefe's, retractor.
- C-652 Lid Retractor, Smith-Green's.
- C-654 Pressure, Smith-Green's.
- C-655 Pterygium, Prince's.
- C-660 Strabismus, Graefe's, 3 sizes.
- *C-665 Strabismus, sharp.
- C-670 Tendon, Stevens'.
- C-675 Traction, Stevens'.

Spatulas

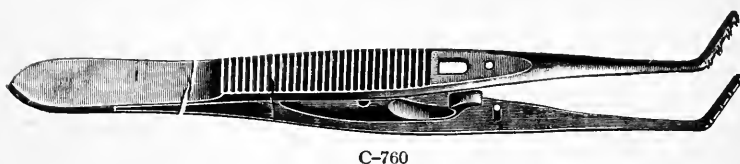
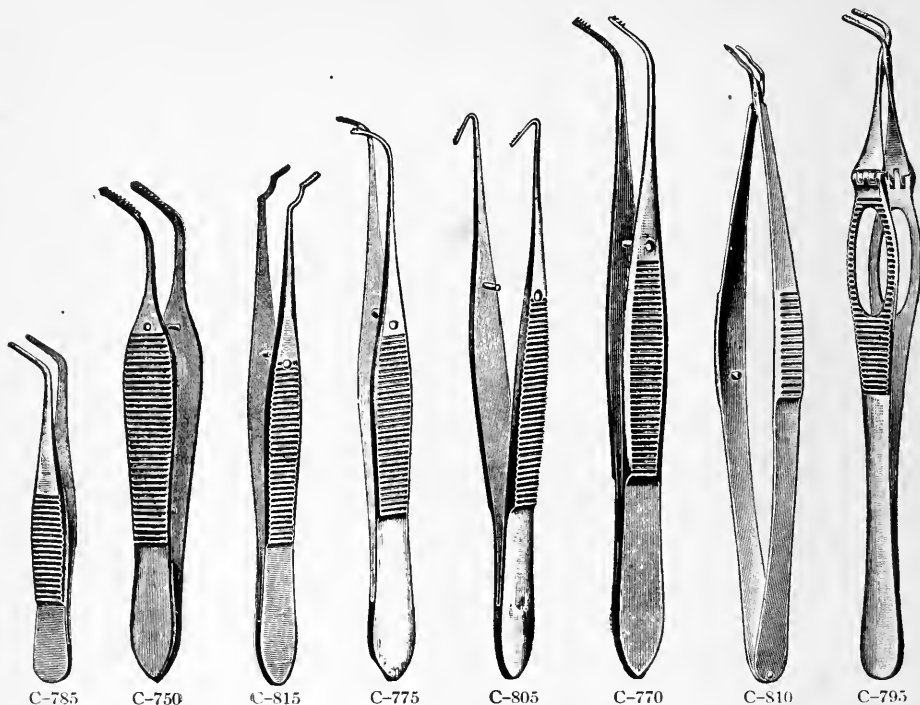
- C-680 Flexible, silver.
- C-685 Flexible, shell.
- *C-687 Fox's, Corelysis, double.
- C-690 Daviel's, silver.
- C-695 Green's, with pressure probe.
- C-697 Smith-Green's, double.

Spuds

- C-700 Dix's.
- C-705 Wheeler's, same as C-620.
- C-710 Illuminated Spud and Needle E.S.I.Co.

Double Eye Instruments

- C-715 Dix's Spud and Needle, reversible.
- C-720 Dix's Spud and Needle, in round handle, with caps.
- *C-725 Graefe's Knife and Dix's Spud reversible.
- C-730 Graefe's Knife and Wheeler's Corneal Spud, reversible.



Eye Forceps

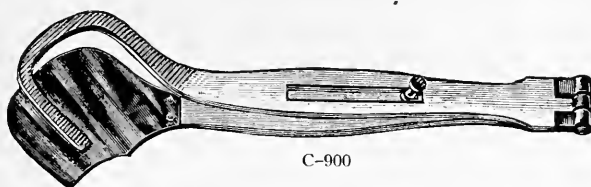
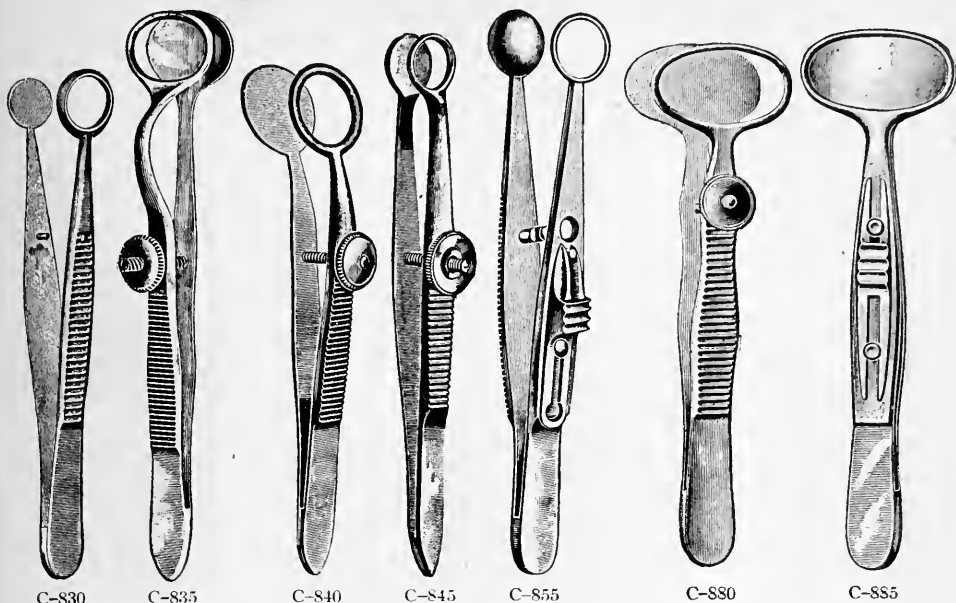
Advancement

C-750	Fisher's.	C-760	Prince's.
*C-755	Hotz's , slide catch.	C-765	Reese's.

Capsular

C-770	Fisher's.	C-795	Knapp's , improved pattern.
C-775	Foerster's.	*C-800	Mathieu's , for use in Indian operation.
*C-780	Francis's , 4 and 4 teeth.	C-805	Schweigger's.
C-785	Fuch's , Vienna pattern.	C-810	Smith's.
*C-790	Knapp's , original pattern.	C-815	Terson's.





Eye Forceps Chalazion

- C-830 Ayer's.
- C-835 Francis'.
- C-840 Hunt's.
- C-845 Lambert's.
- C-855 Spencer's, slide catch.
- *C-860 Starkey's.
- *C-865 Wilder's, clamp.

Entropium

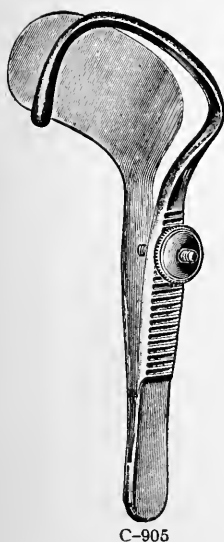
- *C-870 Cross Bar.
- *C-875 Denis'.
- C-880 Desmarre's.
- C-885 Desmarre's, slide catch.
- *C-890 Knapp's, right and left.
- *C-895 Noyes', right and left.
- C-900 Prout's, reversible, for right or left.
- C-905 Snellen's, right and left.
- *C-910 Wilder's.
- C-915 Ziegler's.

Enucleation

- *C-920 Blitz's.
- *C-925 Vulsellum, straight.

Lid

- *C-930 Beard's.
- *C-935 Fisher's.
- *C-940 Kuhnt's.





C-945



C-955



C-970



C-965



C-980



C-990



C-1055



C-1015



C-1035

Eye Forceps Cilia

- C-945 **Douglass'.**
- *C-950 Fine, broad points.
- C-955 Fine, narrow points.
- *C-960 **Henry's.**
- C-965 **Piffard's.**
- C-970 **Ziegler's.**

Dressing

- C-980 Straight, serrated points.
- *C-985 Curved, serrated points
- C-990 Full curved, serrated points.
- *C-995 Non-magnetic, for use with eye magnet.

Fixation

- *C-1000 **Barr's.**
- *C-1005 **Dudley's.**
- *C-1010 **Ewing's.**
- C-1015 **Gifford's.**
- C-1020 **Graefe's.**
- *C-1025 **Greene's**, for Indian operation, 1 and 2 teeth, 2 and 3 teeth.
- *C-1027 **Fox's.**
- C-1030 **Harmon's**, 3 inches long.
- C-1035 **Noyes'**, curved, spring catch.
- C-1040 Plain, straight.
- *C-1045 Plain, curved.
- *C-1050 **Schweigger's.**
- C-1055 **Stevens'.**



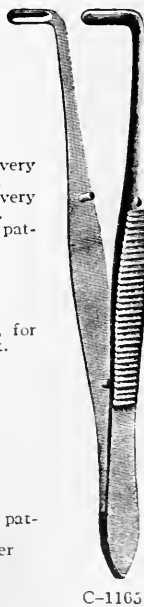
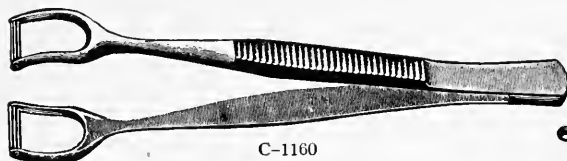
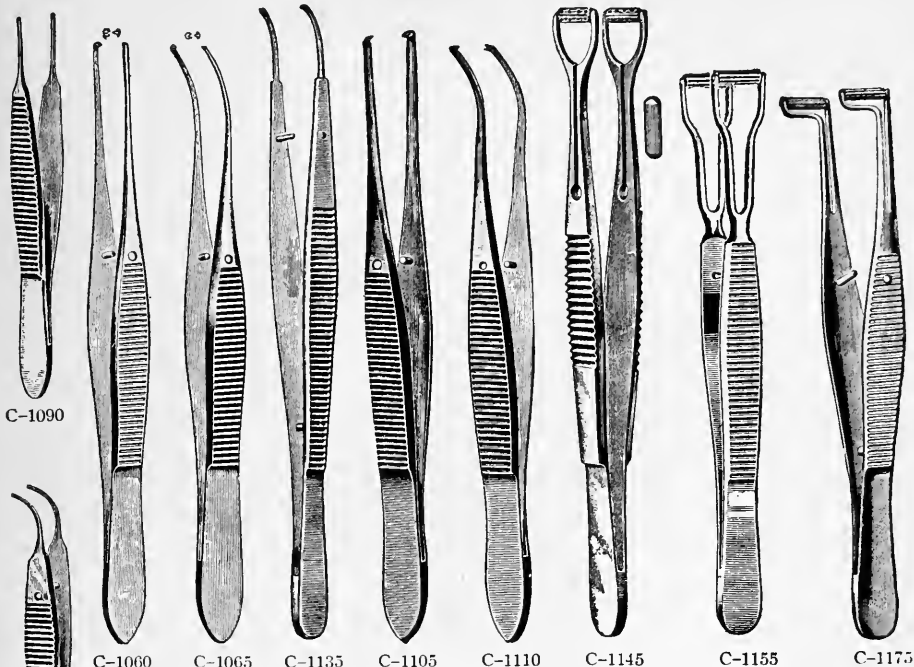
C-1040



C-1020



C-1030



Eye Forceps

Iris

- C-1060 Straight, fine, mouse tooth points.
C-1065 Curved, fine, mouse tooth points.
*C-1070 Full curved, fine, mouse tooth points.
*C-1075 Collin's, curved.
*C-1080 Fisher's.

- *C-1085 Graefe's, angular.
C-1090 Graefe's, straight, very delicate, $2\frac{1}{2}$ inches.
C-1095 Graefe's, curved, very delicate, $2\frac{1}{2}$ inches.
*C-1100 Liebrich's improved pattern.

Strabismus

- C-1105 Straight.
C-1110 Curved.
*C-1115 Full curved.

- *C-1120 Landolt's.
*C-1125 Non-magnetic, tissue, for use with eye magnet.

Suture

- *C-1130 Mule's.

Tendon

- C-1135 Stevens', curved.

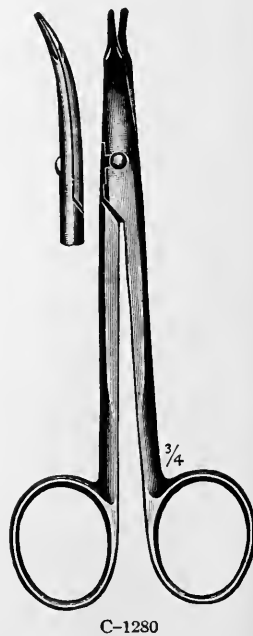
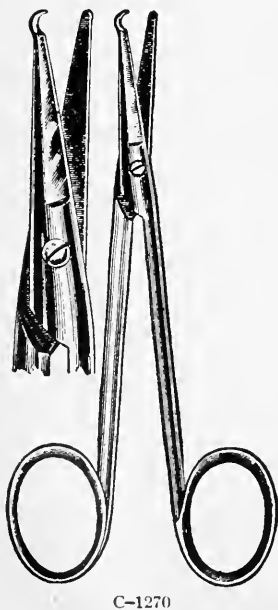
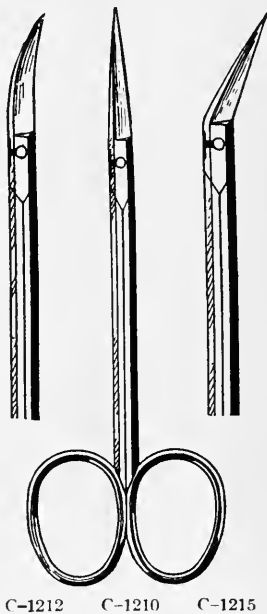
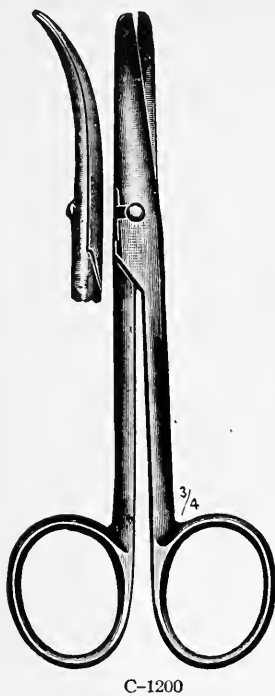
- *C-1140 Stevens', straight.

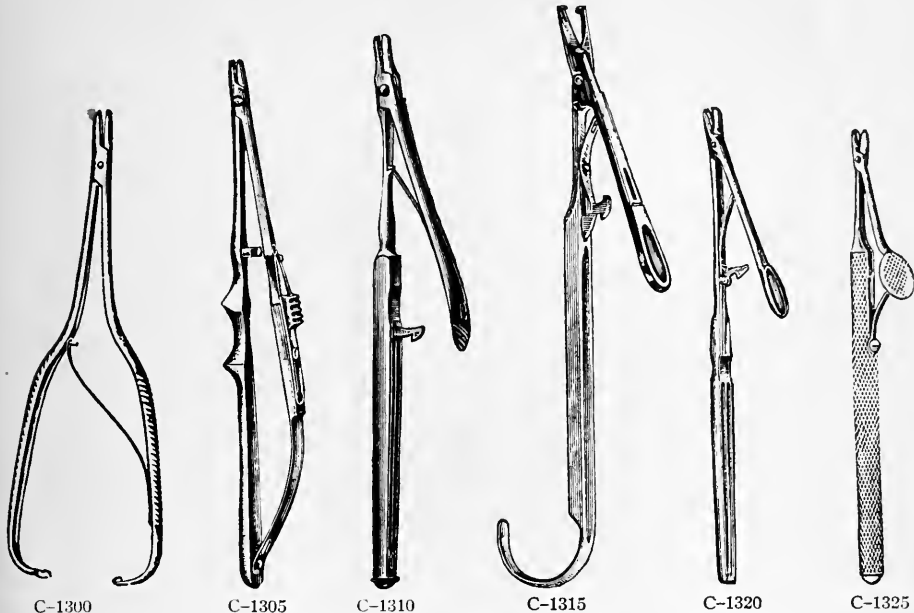
Trachoma

- C-1145 Falta's, with 3 rollers, 2 perforated and 1 plain.
*C-1150 Falta's, probe for cleaning rollers.
C-1155 Knapp's, original pattern.

- C-1160 Knapp's, improved pattern.
C-1165 Noyes', upper or lower
C-1170 Prince's.
C-1175 Rust's, angular.

Eye Scissors





Eye Instruments—Eye Scissors

Enucleation

- C-1200 Curved, blunt, heavy.
- *C-1201 Curved, blunt, extra heavy.
- *C-1205 **Fox**, curved, heavy.

Iris

- C-1210 Straight, regular, sharp.
- *C-1211 Straight, delicate, sharp.
- C-1212 Curved, regular, sharp.
- *C-1213 Curved, delicate, sharp.
- C-1215 Angular, sharp.
- *C-1216 Angular, 1 probe point.
- C-1220 **DeWecker's**.

Lachrymal

- *C-1225 **Arlt's**.
- *C-1230 **Knapp's**.

Pterygium

- *C-1235 **Chadwick's**, curved to the right.
- *C-1236 **Chadwick's**, curved to the left.
- *C-1237 **Chadwick's**, curved on flat.

Strabismus

- *C-1240 Straight, heavy, sharp.
- *C-1241 Straight, heavy, blunt.
- *C-1245 Straight, **Bowman's**, 2 probe points.
- *C-1250 Curved, heavy, sharp.
- C-1251 Curved, heavy, blunt.
- *C-1255 Curved, **Bowman's**, 2 probe points.
- *C-1260 Angular, heavy, sharp.
- *C-1265 Angular, **Maunoir's**, 2 probe points.

Suture

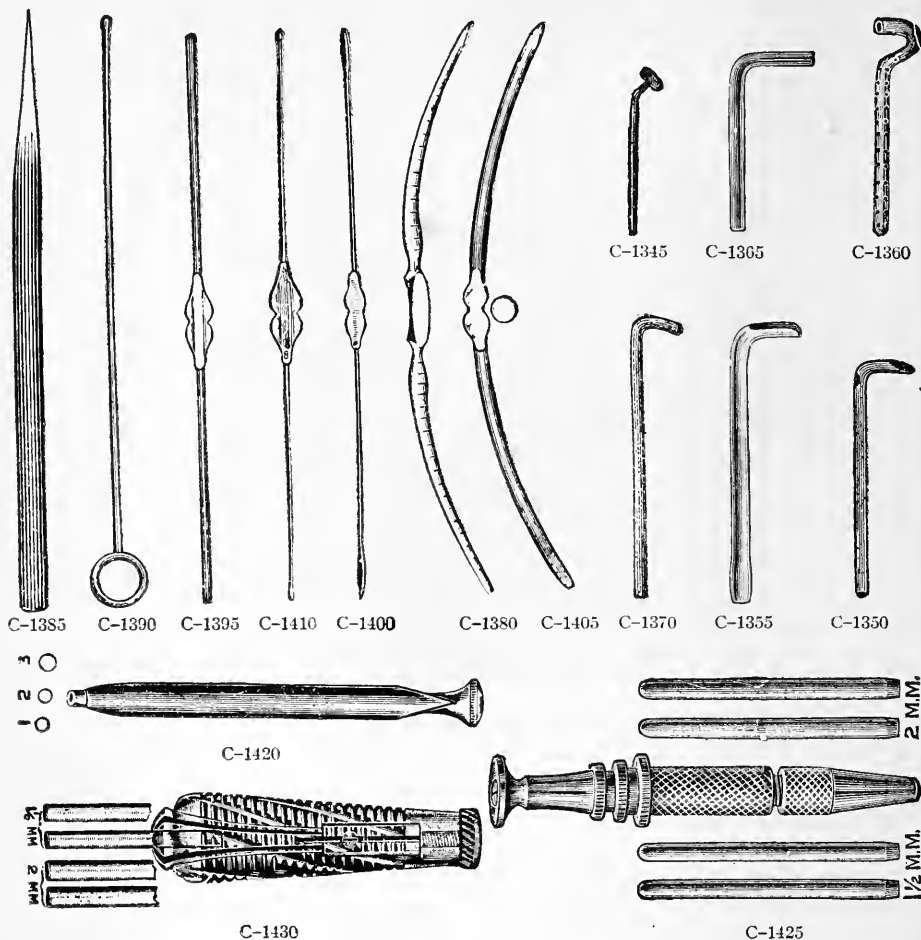
- C-1270 **Stevens'**, stitch.

Tenotomy

- C-1280 **Stevens'**.
- *C-1285 **Westcott's**, spring handle.

Needle Holders

- C-1300 **Boynton's**.
- *C-1301 **Boynton's**, with **Richter** jaws.
- C-1305 **Fisher's**.
- C-1310 **Knapp's**.
- *C-1315 **Richter's**, hook or straight handles.
- C-1320 **Stevens'**.
- C-1325 **Stevenson's**.



Eye Instruments

Aspirator

- *C-1340 **Bowman's**, for soft cataract.

Canulae and Styles

- C-1345 **Bowman's**, silver.
 C-1350 **Bowman's**, silver.
 C-1355 **Fox's**, silver.
 *C-1356 **Fox's**, slotted, silver and gold.
 C-1360 **Prince's**, silver, right and left.
 C-1365 Style, silver, angular.
 C-1370 **Taylor's**, silver.

Dilators

- *C-1375 **Peck's**, silver, 2 sizes.
 C-1380 **Weber's**, graduated, silver.
 C-1385 **Wilder's**, conical.

Probes

- C-1390 **Anel's**, silver.
 C-1395 **Bowman's**, 8 sizes in set, plated or silver.
 C-1400 **Hotz's**, 6 sizes, plated.
 C-1405 **Theobald's**, 16 sizes in set, plated or silver.
 C-1410 **Williams'**, 8 sizes in set, plated or silver.

Syringes, Lachrymal (see page 23)

Trephines, Corneal

- C-1420 **Bowman's**, set of 3, 1, 1 1/2 and 2 mm., in case.
 C-1425 **Cross'**, 1 1/2 and 2 mm.
 C-1430 **Elliott's**, latest, in case.



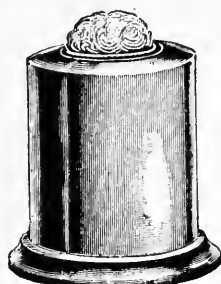
C-1450



C-1455



C-1460



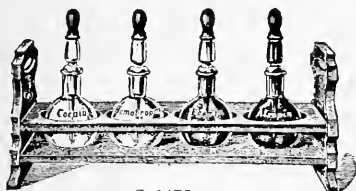
C-1490



C-1500



C-1501



C-1475



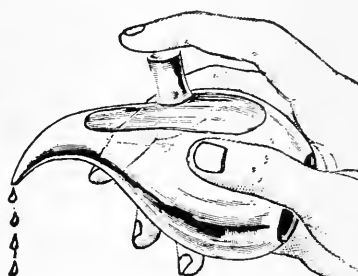
C-1465



C-1470



C-1480



C-1510



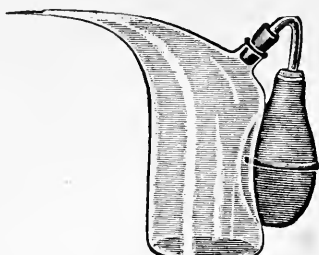
C-1485-1488

Sundries

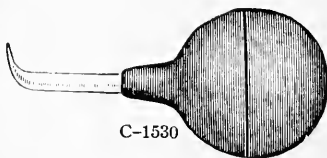
- C-1450 Bath, plain, glass.
- C-1455 Bath, plain, glass, combined with bottle.
- *C-1456 **De Vilbiss' Eye Irrigator.**
- C-1460 Bath, **Schweigger's**, glass.
- C-1465 Bottle, drop, ground stopper, 1 ounce, 2 ounces.
- C-1470 Bottle, **Stroschein's**, single or per set of 4 with tripod.
- C-1475 Bottle Stand, wood, for 4 **Stroschein's** bottles, stand only.
- C-1480 Bottle, **Ziegler's**, boric acid wash.
- C-1485 Caustic Pencil, alum cone.
- C-1486 Caustic Pencil, sulphate of copper cone.
- C-1487 Caustic Pencil, pyoktannin cone.
- C-1488 Caustic Pencil, nitrate of silver cone.
- C-1490 Cotton Reservoir, small size.
- *C-1495 Coil, **Leiter's**, lead, for hot and cold applications.
- C-1500 Dropper, glass, bulb end.
- C-1501 Dropper, glass, curved, plain.
- *C-1505 Dropper, **Dunn's**.
- C-1510 Dropper, **Undine**, with stopper.



C-1520



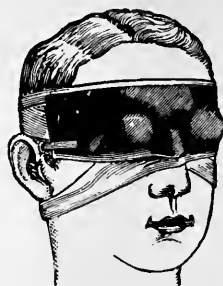
C-1525



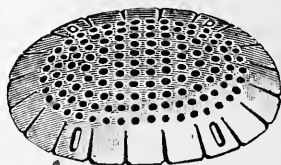
C-1530



C-1535



C-1532



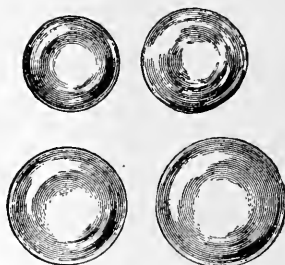
C-1550



C-1540



C-1545



C-1555-1560

C-1515 Introducer, **Carter's**, for **Mule's** Vitreous spheres.

C-1520 Irrigator, **Gibson's**, for anterior chamber.

C-1525 Irrigator, **Todd's**, for anterior chamber.

C-1530 Irrigator, **Woodruff's**, for anterior chamber.

C-1532 Mask, **Ring's**, for cataract.

C-1535 Pipette, **Prince's**, silver tip, platinum tip.

C-1540 Shade, eye, single.

C-1545 Shade, eye, double.

C-1550 Shield, **Fox's**, aluminum.

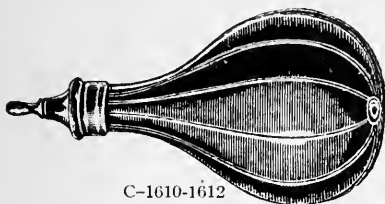
C-1555 Spheres, **Mule's**, vitreous, 4 sizes.

C-1560 Sphere, **Mule's**, gold, hollow, 13, 14 and 15 mm.

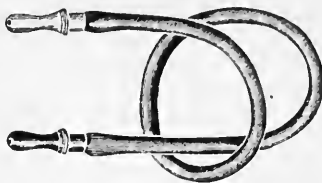
*C-1565 Test Drum, with piece of fine, thin kid.



C-1515



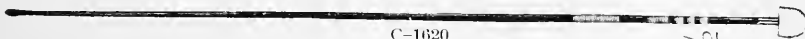
C-1610-1612



C-1650



C-1616



C-1620



C-1622



C-1615



C-1670

Ear Instruments

Acoumeters

- *C-1600 Barany's, Lärm Apparatus.
- *C-1602 Bartlett's.
- *C-1604 Politzer's.

Air Bags

- *C-1606 Lenox-Brown's.
- *C-1610 Politzer's, with valve, 4 ounces, 8 ounces, 12 ounces.
- *C-1612 Politzer's, without valve, 4 ounces, 8 ounces, 12 ounces.
- *C-1614 Connecting tips for Politzer Bags, hard rubber.

Bougies

- *C-1616 Urbanschitsch's, celluloid, 6 sizes, set.
- *C-1618 Whalebone, double end, 5 sizes in set.
- *C-1620 Yankauer's, graduated, 5 sizes, in bottle or single.
- *C-1622 Yankauer's, sounds, graduated, 5 sizes, in bottle or single.

Catheters

- *C-1625 Hard Rubber, 6 sizes, each.
- *C-1630 Hartman's, 6 sizes, plated or silver.
- *C-1635 Herzfeld's, spiral end.
- *C-1640 Plain, 6 sizes, plated or silver.
- *C-1645 Weber-Liel's, silk.

Diagnostic Tube

- *C-1650 Toynbee's, 3 feet long, hard rubber ear pieces.

Inhalers

- *C-1655 Buttle's, hard rubber.
- *C-1660 Pomeroy's, glass nozzle.
- *C-1665 Pyncheon's, hard rubber.

Masseurs

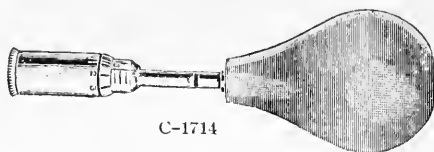
- *C-1670 Delstanche's.
- *C-1675 Delstanche's, with 3 rings.
- *C-1680 Wigmore's, for compressed air.



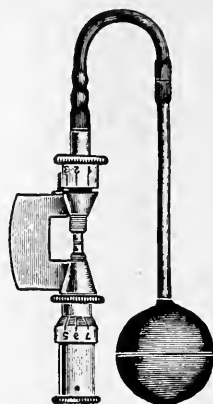
C-1630



C-1640



C-1714



C-1710



C-1704



C-1696



C-1700



C-1698



C-1690



C-1702

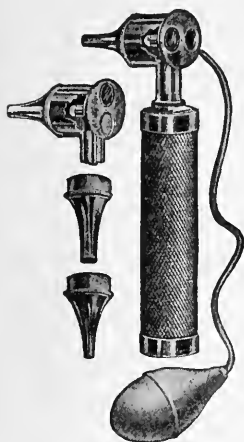
Ear Instruments

Tuning Forks

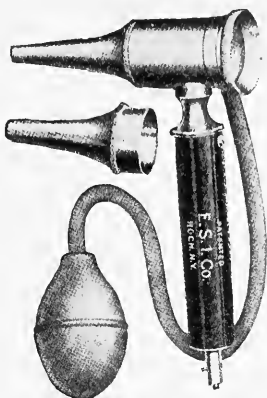
- *C-1685 **Bezold's**, continuous tone series of tuning forks, consisting of 10 forks, 3 whistles, and 1 hammer, in case, complete.
- C-1690 Plain, $4\frac{1}{2}$ inches, A or C.
- *C-1692 Fine, $6\frac{1}{2}$ inches, C2, 512 vibrations.
- *C-1694 **Dench's**, large, 26 to 64 vibrations.
- C-1696 **Hartman's**, C, 128 vibrations.
- C-1698 **Hartman's**, C1, 256 vibrations.
- C-1700 **Hartman's**, C2, 512 vibrations.
- C-1702 **Hartman's**, C3, 1,024 vibrations.
- *C-1704 **Hartman's**, C4, 2,048 vibrations.
- *C-1706 **Hartman's**, set of 5 in case.

Whistles

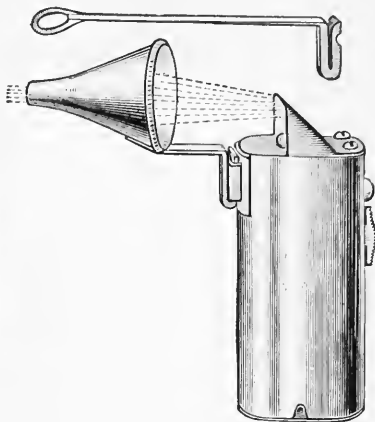
- C-1710 **Bezold's**.
- *C-1712 **Dench's**.
- C-1714 **Galton's**.



C-1735



C-1740



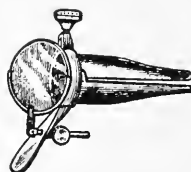
C-1742



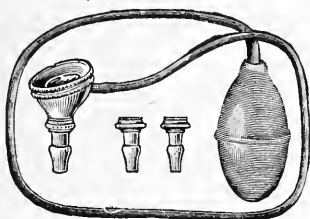
C-1725



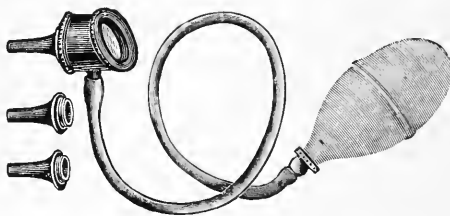
C-1741



C-1755



C-1745

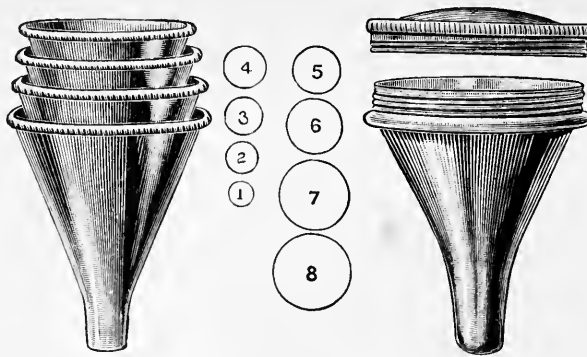


C-1750

Ear Instruments

Otoscopes

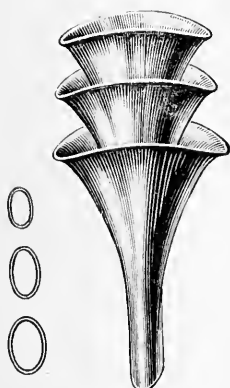
- C-1725 **Burnett's**, with bulb.
- *C-1730 **Carstens'**, pocket electric, with tongue depressor, in case.
- C-1735 **DeZeng's**, electric, pneumatic, in case.
- C-1740 **E. S. I. Co.**, electric, pneumatic, with handle.
- C-1741 **E. S. I. Co.**, electric, without handle.
- C-1742 **Kalteyer's**, with tongue depressor, but without lens.
- C-1743 **Kalteyer's**, with tongue depressor and lens, in case.
- C-1745 **Pynchon's**, with bulb.
- C-1750 **Siegel's**, with bulb, hard rubber or metal.
- C-1755 **Simrock's**.



C-1755-1756



C-1770



C-1760



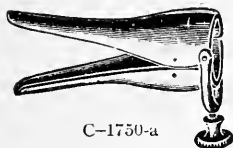
C-1765



C-1781



C-1771



C-1750-a



C-1766

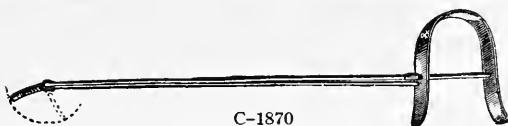
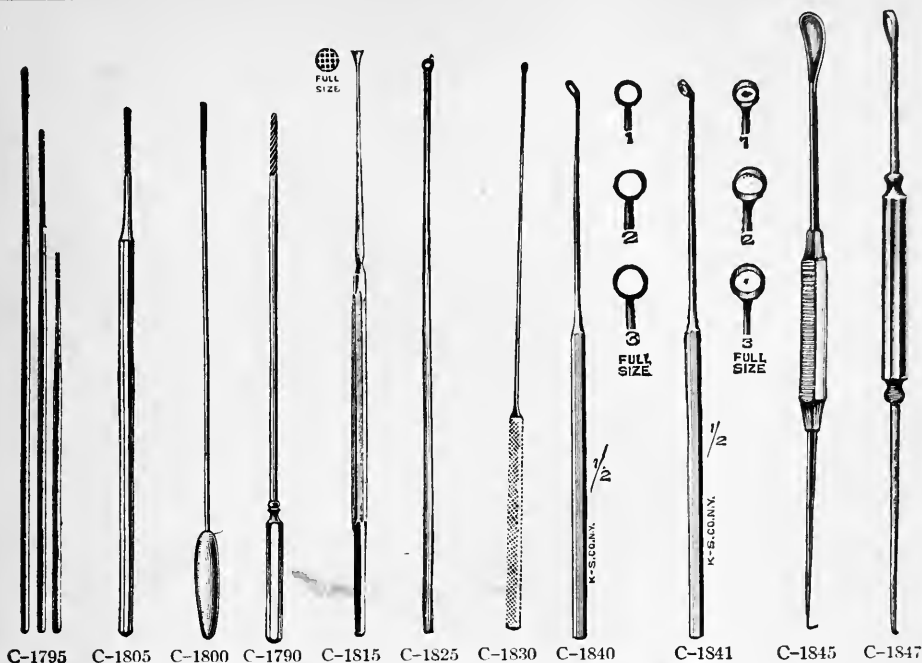


C-1775-1776

Ear Instruments

Specula

- C-1750-a Bonafont's, bivalve.
- C-1755 Boucheron's, set of 4, small, with or without case.
- C-1756 Boucheron's, set of 4, large, without case only.
- C-1760 Brown's, set of 3, plated, without case only.
- C-1765 Gruber's, set of 4, hard rubber.
- C-1766 Gruber's, set of 3, nickel-plated, silver-plated or silver, in case.
- *C-1767 Gruber's, set of 4, nickel-plated, silver-plated or silver.
- C-1770 Kraemer's, bivalve, 4 sizes, wrought metal.
- C-1771 Kraemer's, bivalve, steel.
- C-1775 Toynbee's, set of 3, hard rubber.
- C-1776 Toynbee's, set of 3, nickel-plated, silver-plated or silver, in case.
- *C-1780 Wilde's, set of 3, hard rubber.
- C-1781 Wilde's, set of 3, nickel-plated, silver-plated or silver, in case.
- *C-1782 Wilde's, set of 4, nickel-plated or silver-plated.



Ear Instruments

Applicators

- C-1790 Allen's, screw or triangular.
- C-1795 Andrew's, aluminum, straight or taper end, 3 sizes.
- C-1800 Brown's, steel or copper.
- C-1805 Ivan's, steel.
- *C-1810 Yankauer's, graduated handle, for wire applicators.
- *C-1811 Yankauer's, spiral wire applicators, eustachian, 1 dozen in glass tube.

Packers

- C-1815 Allport's, gauze.
- *C-1820 Pierce's, gauze.

Probes

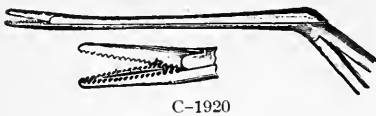
- C-1825 Buck's, fine, silver.
- C-1830 Hotz's, fine, silver.
- C-1835 Yankauer's.

Curettes

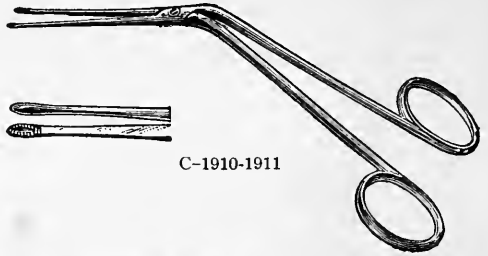
- C-1840 Buck's, dull, 3 sizes.
- C-1841 Buck's, sharp, 3 sizes.
- C-1845 Gross', with hook.
- *C-1846 Gross', with spud.
- C-1847 Gross', fenestrated, with hook.
- C-1850 Jansen's, double ended.
- *C-1855 Sexton's, double.
- C-1860 Speir's, spiral.
- C-1865 Yankauer's, eustachian or salpingeal, 3 sizes.
- *C-1870 Quire's, foreign body instrument.



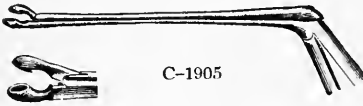
STANDARD SURGICAL INSTRUMENTS



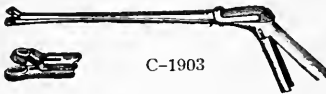
C-1920



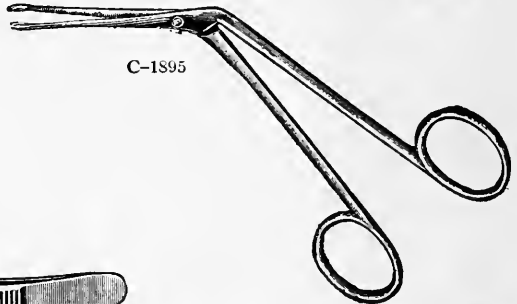
C-1910-1911



C-1905



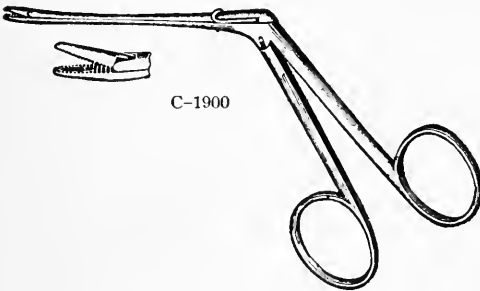
C-1903



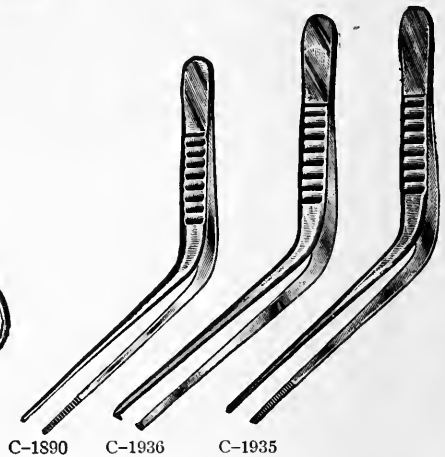
C-1895



C-1915



C-1900



C-1890

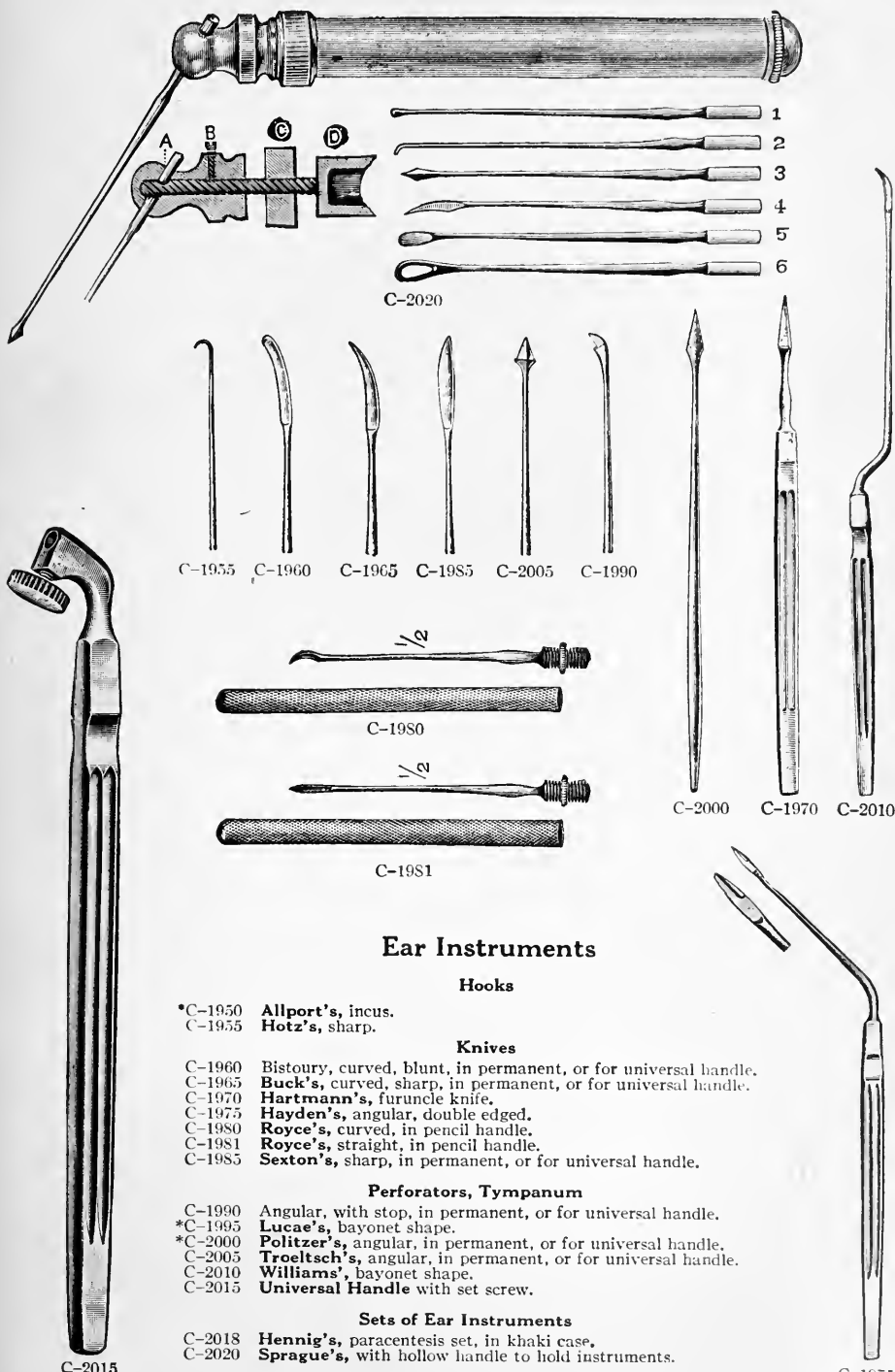
C-1936

C-1935

Ear Instruments

Ear Forceps

- | | | | |
|---------|--|---------|---|
| C-1890 | Blake's , very delicate, serrated points. | C-1905 | Hartman & Herzfeld's , alligator jaw, spoon, straight. |
| C-1895 | Hartman's , plain. | C-1910 | Haslam's , delicate, bent on edge. |
| C-1900 | Hartman's , alligator jaw, delicate, serrated. | C-1911 | Haslam's , delicate, bent on flat. |
| *C-1901 | Hartman's , alligator jaw, delicate, mouse tooth | C-1915 | Lucae's , bayonet shape. |
| *C-1902 | Hartman's , alligator jaw, round, cutting, straight. | C-1920 | Noyes' , alligator jaw, serrated. |
| C-1903 | Hartman's , alligator jaw, oval, cutting, straight. | *C-1921 | Noyes' , alligator jaw, serrated with mouse teeth. |
| *C-1904 | Hartman-Cittelli's , alligator jaw, spoon, curved upward. | *C-1925 | Politzer's . |
| | | *C-1930 | Pomeroy's . |
| | | C-1935 | Wilde's , serrated points. |
| | | C-1936 | Wilde's , mouth tooth points. |



Ear Instruments

Hooks

- *C-1950 Allport's, incus.
- C-1955 Hotz's, sharp.

Knives

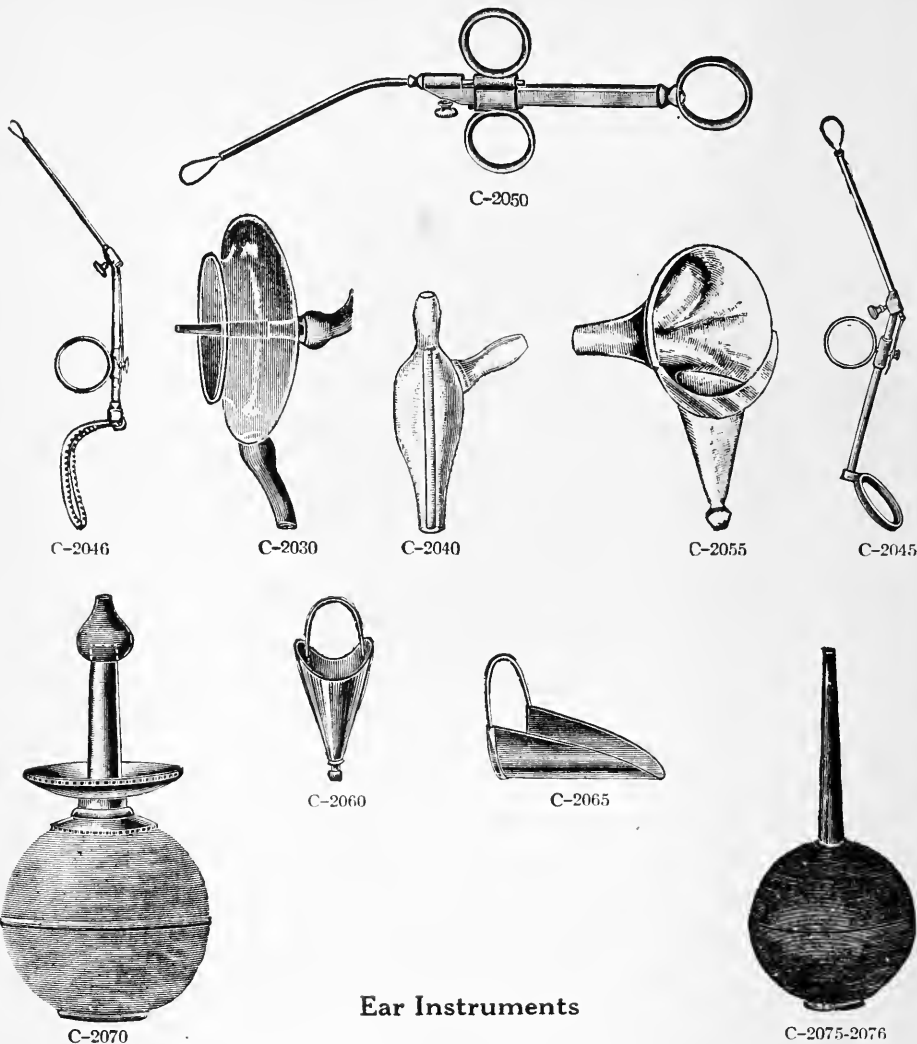
- C-1960 Bistoury, curved, blunt, in permanent, or for universal handle.
- C-1965 Buck's, curved, sharp, in permanent, or for universal handle.
- C-1970 Hartmann's, furuncle knife.
- C-1975 Hayden's, angular, double edged.
- C-1980 Royce's, curved, in pencil handle.
- C-1981 Royce's, straight, in pencil handle.
- C-1985 Sexton's, sharp, in permanent, or for universal handle.

Perforators, Tympanum

- C-1990 Angular, with stop, in permanent, or for universal handle.
- *C-1985 Lucæ's, bayonet shape.
- *C-2000 Politzer's, angular, in permanent, or for universal handle.
- C-2005 Troeltsch's, angular, in permanent, or for universal handle.
- C-2010 Williams', bayonet shape.
- C-2015 Universal Handle with set screw.

Sets of Ear Instruments

- C-2018 Hennig's, paracentesis set, in khaki case.
- C-2020 Sprague's, with hollow handle to hold instruments.



Ear Instruments

Douches

- C-2030 **Fowler's**, glass.
 *C-2035 **Hewitt's**, for middle ear.
 C-2040 **Lucae's**.

Snares

- C-2045 **Blake's**, original.
 C-2046 **Blake's**, improved.
 C-2050 **Krause's**, extra small, for ear.

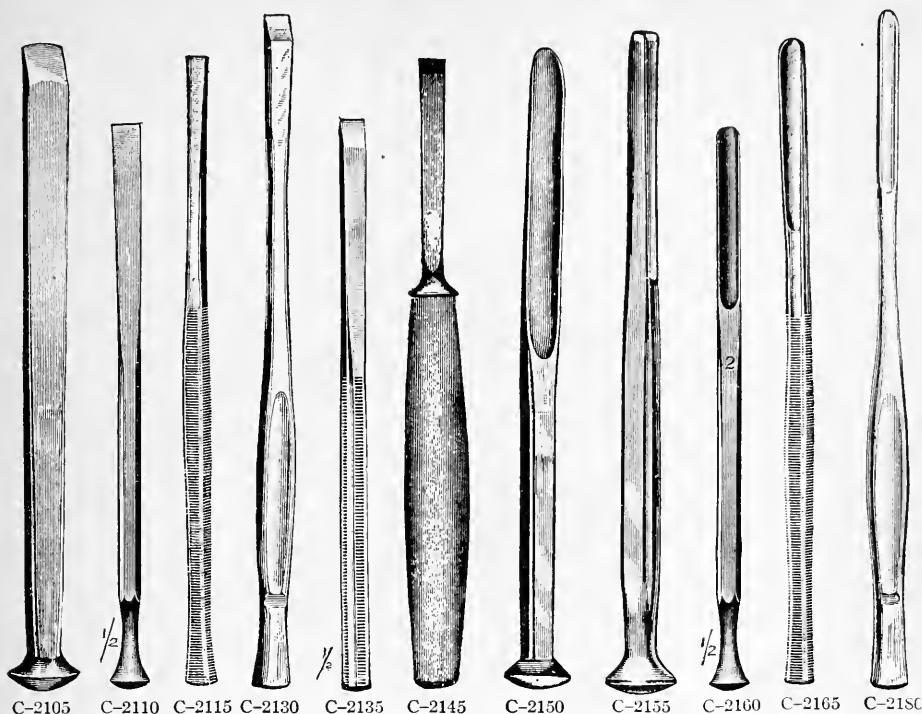
Spouts

- C-2055 **Beck's**, ear drain.
 C-2060 **Brown's**.

- C-2065 **Hosmer's**, plain.
 *C-2066 **Hosmer's**, with spring.

Syringes (see also pages 27 and 29)

- C-2070 **Allport's**.
 *C-2072 **Colburn's**, with middle ear canula only.
 *C-2073 **Colburn's**, with middle ear and lachrymal canula.
 C-2075 Ulcer and ear, soft rubber.
 C-2076 Ulcer and ear, soft rubber, 3 ounces.



Mastoid Instruments

Burs

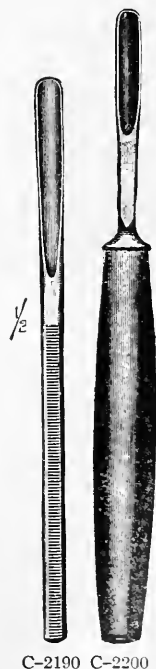
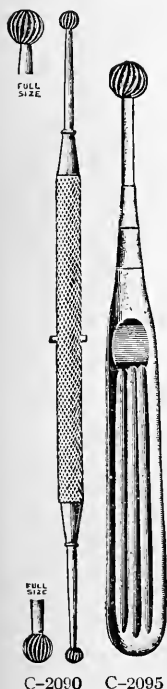
- C-2090 Allport's, eustachian.
 C-2095 Ballenger's, mastoid, 4 sizes.
 *C-2100 Stucky's, eustachian.

Chisels

- C-2105 Alexander's, $6\frac{3}{4}$ inches long, 6 sizes.
 C-2110 Andrew's, 6 inches long, 2 sizes.
 C-2115 Bishop's, $6\frac{3}{4}$ inches long, 3 sizes.
 *C-2120 Down's, 3 sizes.
 *C-2125 Hajek's, 4 sizes, 3, 6, 9 and 12 mm.
 C-2130 Haslam's, 4 sizes, 3, 5, 7 and 9 mm.
 C-2135 Schwartz's, 4 sizes.
 *C-2140 Stacke's, bayonet shape, 1 size.
 C-2145 Whiting's, 6 sizes.

Gouges

- C-2150 Alexander's, $6\frac{3}{4}$ inches long, 6 sizes.
 C-2155 Allport's, $6\frac{3}{4}$ inches long, 6 sizes.
 C-2160 Andrew's, 6 inches long, 2 sizes.
 C-2165 Bishop's, 3 sizes.
 *C-2170 Down's, 3 sizes.
 *C-2175 Hajek's, 4 sizes, 3, 6, 9 and 12 mm.
 C-2180 Haslam's, 4 sizes, 3, 5, 7 and 9 mm.
 *C-2185 Randall's, with weighted handle.
 C-2190 Schwartz's, 4 sizes.
 *C-2195 Stacke's, curved, 3 sizes.
 C-2200 Whiting's, 6 sizes.





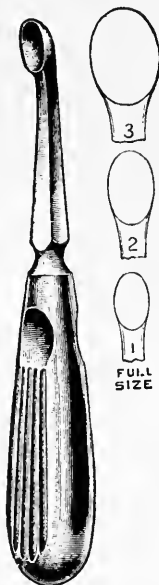
C-2210



C-2220



C-2215



C-2225



C-2230

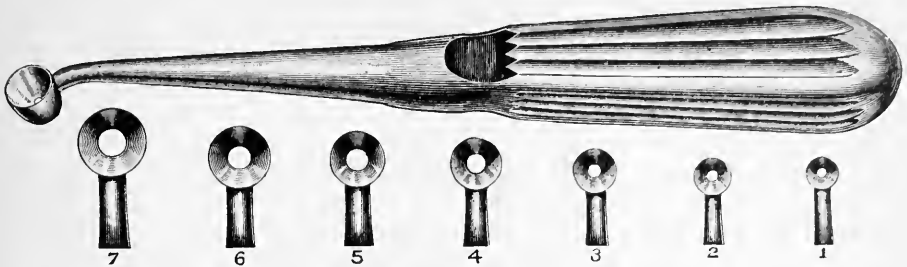


Full size

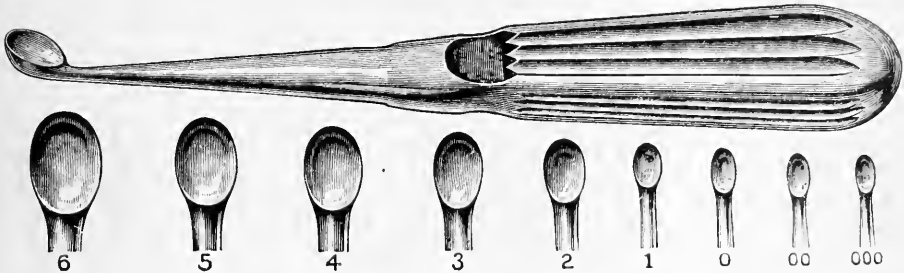
Mastoid Instruments

Curettes

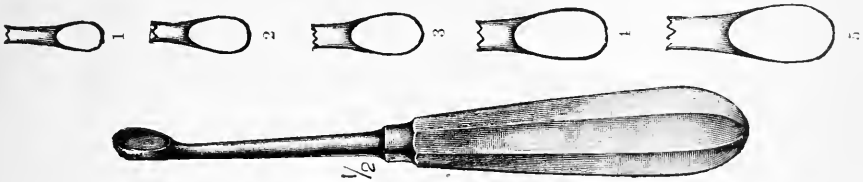
- C-2210 **Barth's**, double end, 2 sizes.
- C-2215 **Buck's**, round, 4 sizes.
- *C-2216 **Buck's**, oval, 4 sizes.
- C-2220 **Hardy's**, double end.
- C-2225 **Green's**, 3 sizes.
- C-2230 **McKernon's**, fenestrated, 4 sizes.



C-2240



C-2245



C-2250

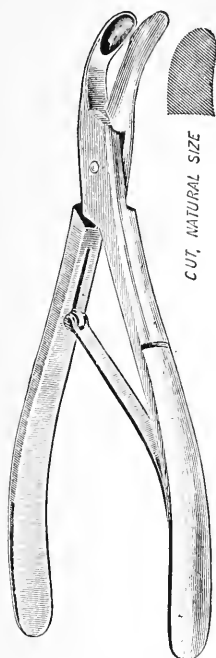
Mastoid Instruments

Curettes

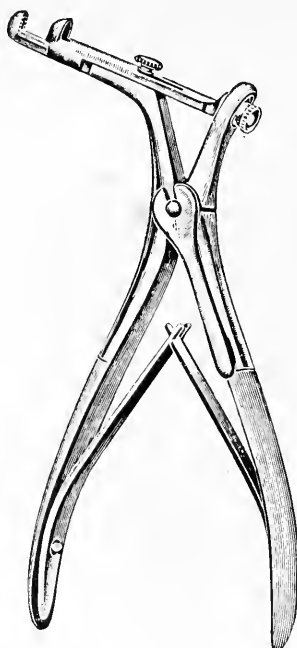
- *C-2235 **Politzer's**, round, fenestrated.
- C-2240 **Richard's**, 7 sizes.
- C-2245 **Spratt's**, 8 sizes.
- C-2250 **Whiting's**, 5 sizes.

Mallets (see page 102)

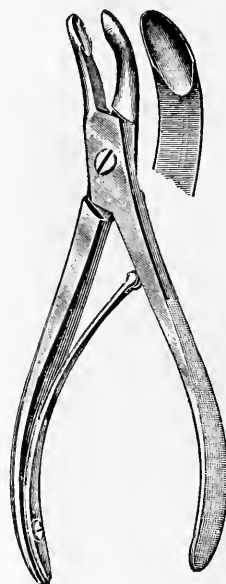
- *C-2255 **Fibre**, with metal handle, boilable.
- *C-2260 **Forwood's**, bronze.
- *C-2265 **Hajek's**.
- *C-2270 **Lead Mallet**, small, flat faced.
- *C-2275 **Morgan's**, bronze.
- *C-2280 **Plain**, lead filled.
- *C-2285 **Rawhide**, 2 sizes, small and large.



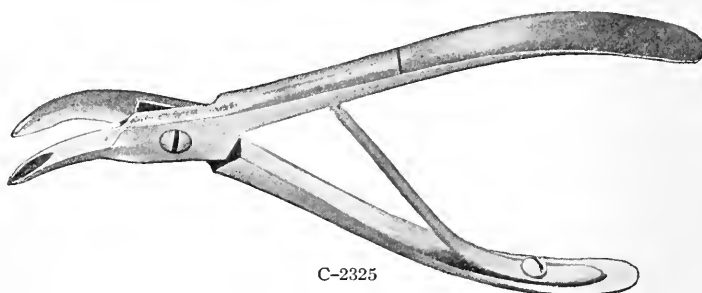
C-2300



C-2310



C-2320

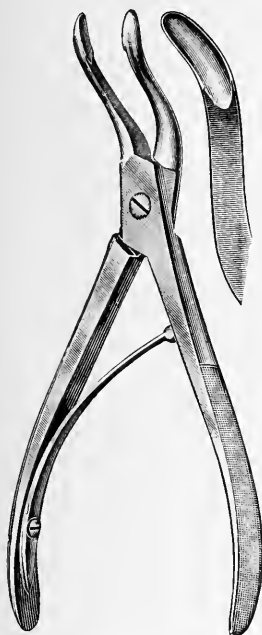


C-2325

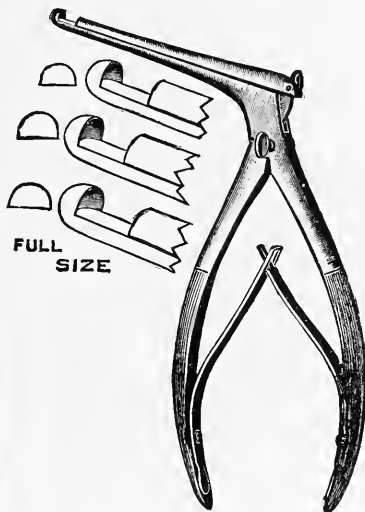
Mastoid Instruments

Mastoid Bone Gouging Forceps

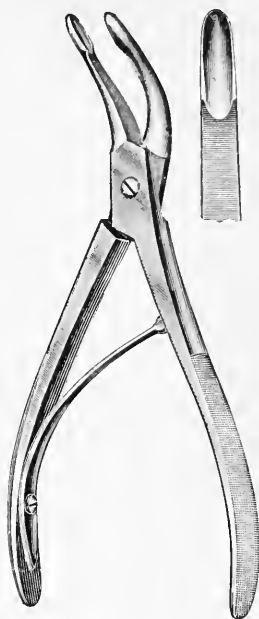
- C-2300 Bane's.
- *C-2305 Barnhill's.
- C-2310 Citteli's.
- *C-2311 Citteli's, heavy.
- C-2315 Cozzolini-Allport's, latest model.
- C-2320 Hartmann's, curved.
- C-2325 Husk's.



C-2330



C-2335

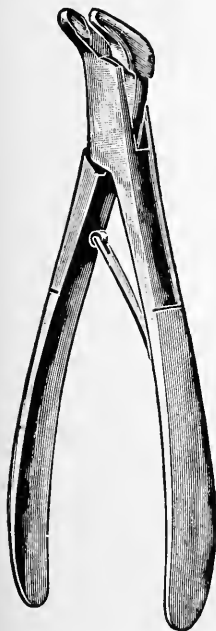


C-2345

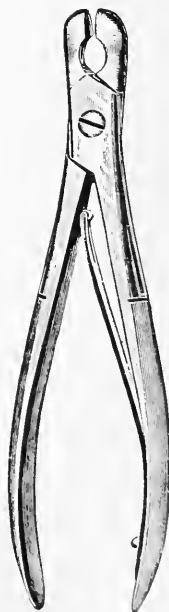
Mastoid Instruments

Mastoid Bone Couging Forceps

- C-2330 Jansen's.
- C-2335 Kerrison's, 3 sizes.
- *C-2340 Lombard's.
- C-2345 Lucae's.
- C-2350 Pierce's, mortise joint.
- C-2355 Whiting's.
- *C-2360 Zaufal's, curved.
- *C-2361 Zaufal's, straight.



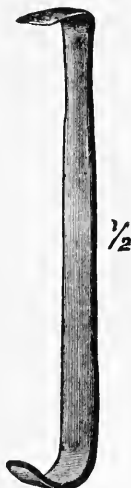
C-2350



C-2355



C-2390



C-2395



C-2400



C-2410



C-2411



C-2415



C-2416



C-2370



C-2371



C-2366

Mastoid Instruments

Elevators, Knives, Pereosteotomes and Raspatories

- *C-2365 Elevator, **Stacke's**.
- C-2366 Guard, **Stacke's**.
- C-2370 Knife, **Allport's**, convex edge.
- C-2371 Knife, **Allport's**, double edge.
- C-2375 Knife, **Buck's**.
- C-2380 Knife, **Heath's**, meatal flap.
- *C-2385 Knife, **Stacke's**, right and left.
- C-2390 Pereosteotome, **Allport's**.
- C-2395 Pereosteotome, **Andrew's**.
- C-2400 Pereosteotome, **Ballenger's**.
- *C-2405 Raspatory, **Buck's**.
- C-2410 Raspatory, **Hartmann's**, straight.
- C-2411 Raspatory, **Hartmann's**, convex.
- C-2415 Raspatory, **Jansen's**, right angled.
- C-2416 Raspatory, **Jansen's**.
- *C-2420 Raspatory, **Trautmann's**.



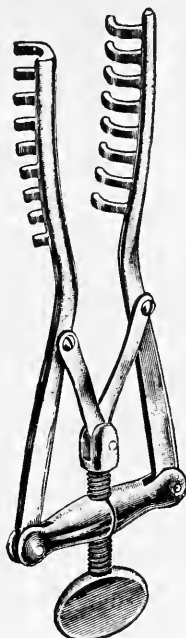
C-2375



C-2380



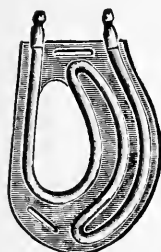
C-2430



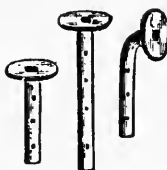
C-2440



C-2445

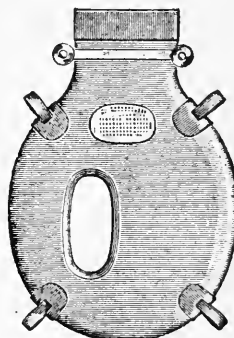


C-2465



C-2460

C-2455

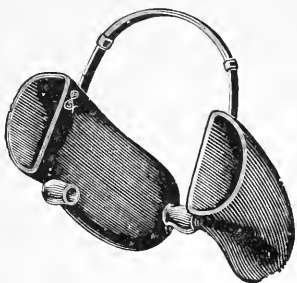


C-2475

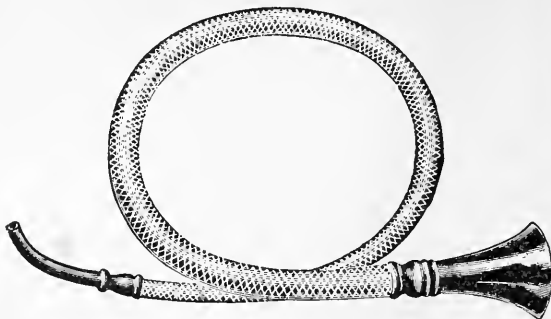
Mastoid Instruments

Retractors and Sundries

- C-2430 Retractor, **Allport's**, steel, self-retaining.
- *C-2435 Retractor, **Andrews'**, steel, self-retaining.
- C-2440 Retractor, **Burch-Allport's**, only one necessary for an operation.
- C-2445 Retractor, **Jansen's**,
- *C-2450 Retractor, **Vail's**, small, for babies.
- C-2455 Drainage Tube, **Gruening's**, curved, silver.
- C-2460 Drainage Tube, **Knapp's**, straight, silver.
- C-2465 Cooling Coil, **Leiter's**, metal, for hot or cold water.
- *C-2470 Ice Bag, **Bishop's**, soft rubber.
- C-2475 Ice Bag, **Sprague's**, soft rubber.



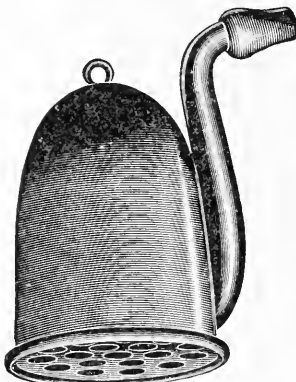
C-2505-2506



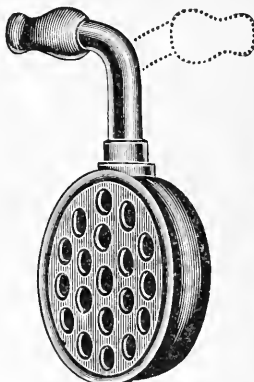
C-2511



C-2531



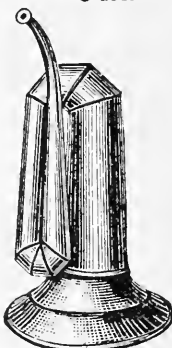
C-2555-2556



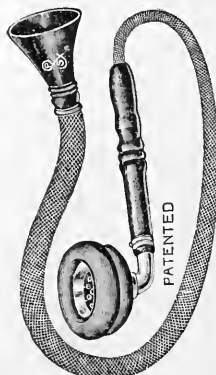
C-2550



C-2545



C-2525

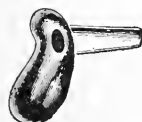


C-2561

Ear Instruments

Hearing Devices

- *C-2500 Apparitor Auris, silver, enameled flesh color.
- *C-2501 Audiphone, hard rubber, fan shape.
- *C-2502 Audiphone, hard rubber, fan shape, folding.
- C-2505 Auricles, leather covered.
- C-2506 Auricles, silk covered.
- *C-2510 Conversation Tube, cylindrical, cotton or silk.
- C-2511 Conversation Tube, conical, cotton or silk.
- *C-2515 Cornets, **Clayton's**, celluloid, right and left.
- C-2520 Cornets, silver, oval.
- C-2521 Cornets, silver, round.
- C-2525 Ear Trumpet, bugle shape, tin, japanned, 3 sizes.
- *C-2530 Ear Trumpet, telescopic, hard rubber, 1 part.
- *C-2531 Ear Trumpet, telescopic, hard rubber, 2 parts.
- *C-2532 Ear Trumpet, telescopic, hard rubber, 3 parts.
- *C-2535 Hearing Horn, **Clayton's**, celluloid, fan shape.
- *C-2540 Hearing Horn, double dome.
- C-2545 Hearing Horn, **Greene's**, tin, japanned, short or long tube.
- C-2550 Hearing Horn, "Little Giant," very powerful.
- C-2555 Hearing Horn, London, black finish, small, medium and large.
- C-2556 Hearing Horn, London, nickel finish, small, medium and large.
- *C-2560 Stetho-Clare, No. 1A, cylindrical, silk tube.
- C-2561 Stetho-Clare, No. 1, conical, silk tube.
- *C-2562 Stetho-Clare, No. 3, with two conical silk tubes and bells.
- *C-2563 Stetho-Clare, No. 2, for distance.
- C-2570 Tympanum, **Toynbee's**, artificial.



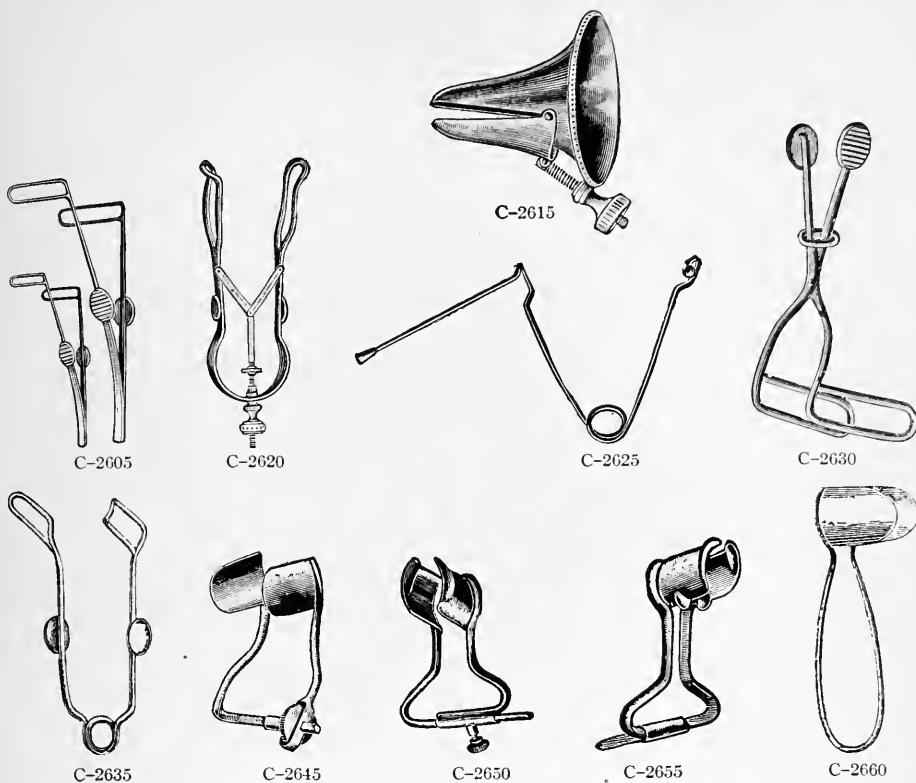
C-2520



C-2521



C-2570



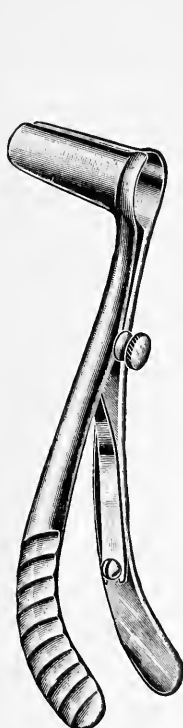
Nasal Instruments

Specula

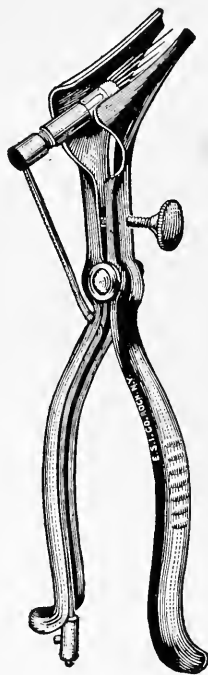
- *C-2600 Beckman's.
- C-2605 Bosworth's, steel or brass, 2 sizes, improved.
- *C-2606 Bosworth's, plain wire.
- *C-2610 Collin's.
- C-2615 DeRoalde's.
- C-2620 Fraenkel's, improved, with spring.
- C-2625 Heffernan's, right and left.
- C-2630 Jarvis'.
- C-2635 Lublinski's.
- *C-2640 Monosmith's.
- C-2645 Muncaster's.
- C-2650 Myles', 3 sizes.
- C-2655 Ray's, 2 sizes.
- C-2660 Thudicum's.
- C-2665 Yankauer's, naso pharyngeal.



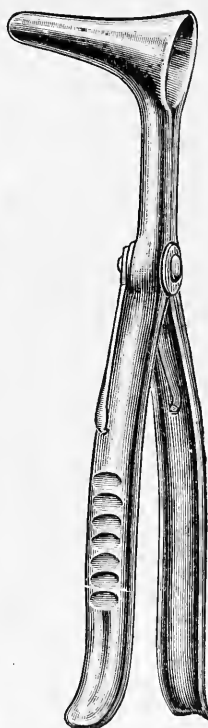
C-2665



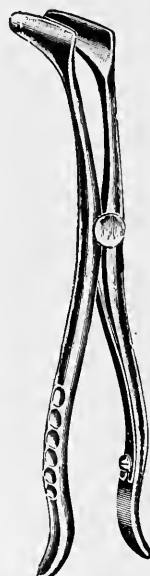
C-2670



C-2675



C-2680

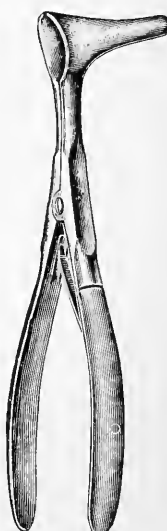


C-2685

Nasal Instruments

Specula

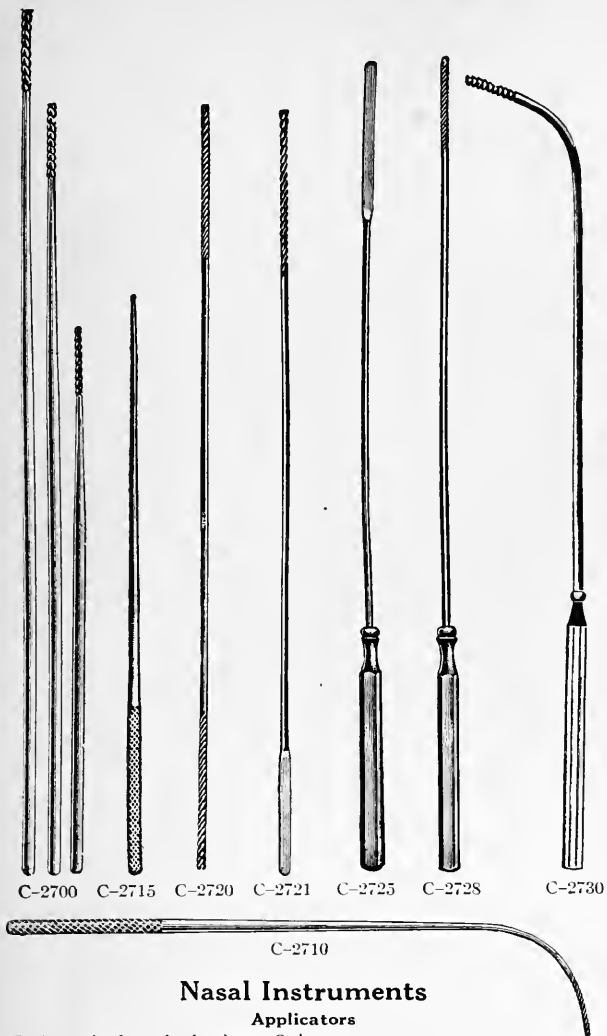
- C-2670 **Coakley's.**
- C-2675 **E. S. I. Co.,** electrically lighted.
- C-2676 Extra lamps, **E. S. I. Co.,** No. 13.
- C-2678 **Gerzog's-Reiner** Model, forged steel, thin blades.
- C-2680 **Hartmann's.**
- C-2685 **Ingal's,** nickel-plated.
- *C-2686 **Ingal's,** fine, steel.
- C-2690 **Pynchon's.**
- *C-2695 Vienna pattern.



C-2678



C-2690



Nasal Instruments

Applicators

- *C-2700 Andrews', aluminum, 3 sizes.
- *C-2705 Farlow's, post nasal.
- *C-2710 Ivans', all steel, pharyngeal.
- *C-2715 Kyle's, all steel.
- *C-2720 Plain, aluminum, 2 rough ends.
- *C-2721 Plain, aluminum, 1 flat and 1 rough end.
- *C-2725 Plain, with handle, flat end.
- *C-2726 Plain, with handle, triangular end.
- *C-2727 Plain, with handle, rough end.
- *C-2728 Plain, with handle, spiral end.
- *C-2730 Post Nasal, steel.
- *C-2735 Tapering, 8 inches, spiral end, copper or aluminum.

Probes

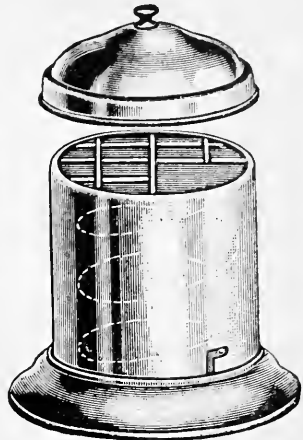
- *C-2740 Angular, Farlow's, plated.
- *C-2745 Plain, flexible, plated.

Reservoirs for Cotton

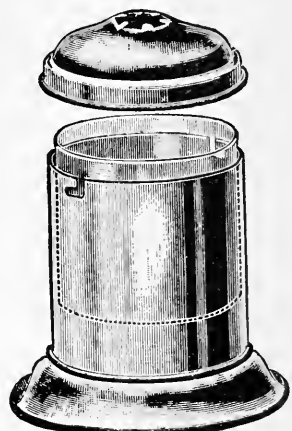
- *C-2748 Farrell's, nickel-plated top, opal glass base.
- *C-2750 Phillips'.
- *C-2751 Phillips', with waste trough.

Reservoirs for Waste

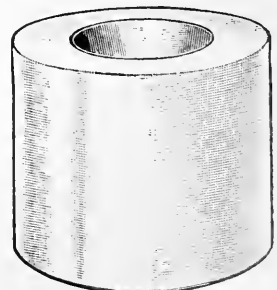
- *C-2755 Campbell's.
- *C-2758 Farrell's Waste Box, nickel-plated top, opal glass base.
- *C-2760 Yankauer's Cocaine Cup, porcelain.
- *C-2765 Dappen's Solution Jars, crystal, amber, blue or green.



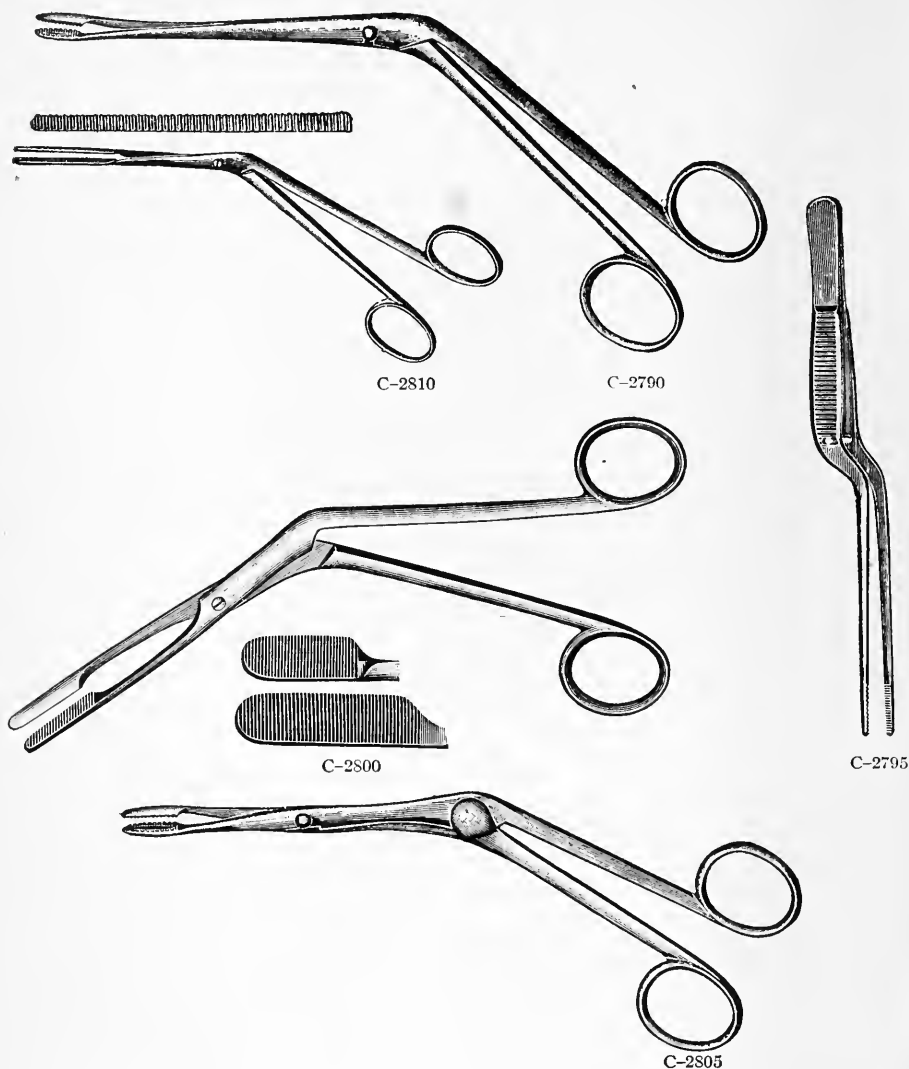
C-2750



C-2755



C-2760

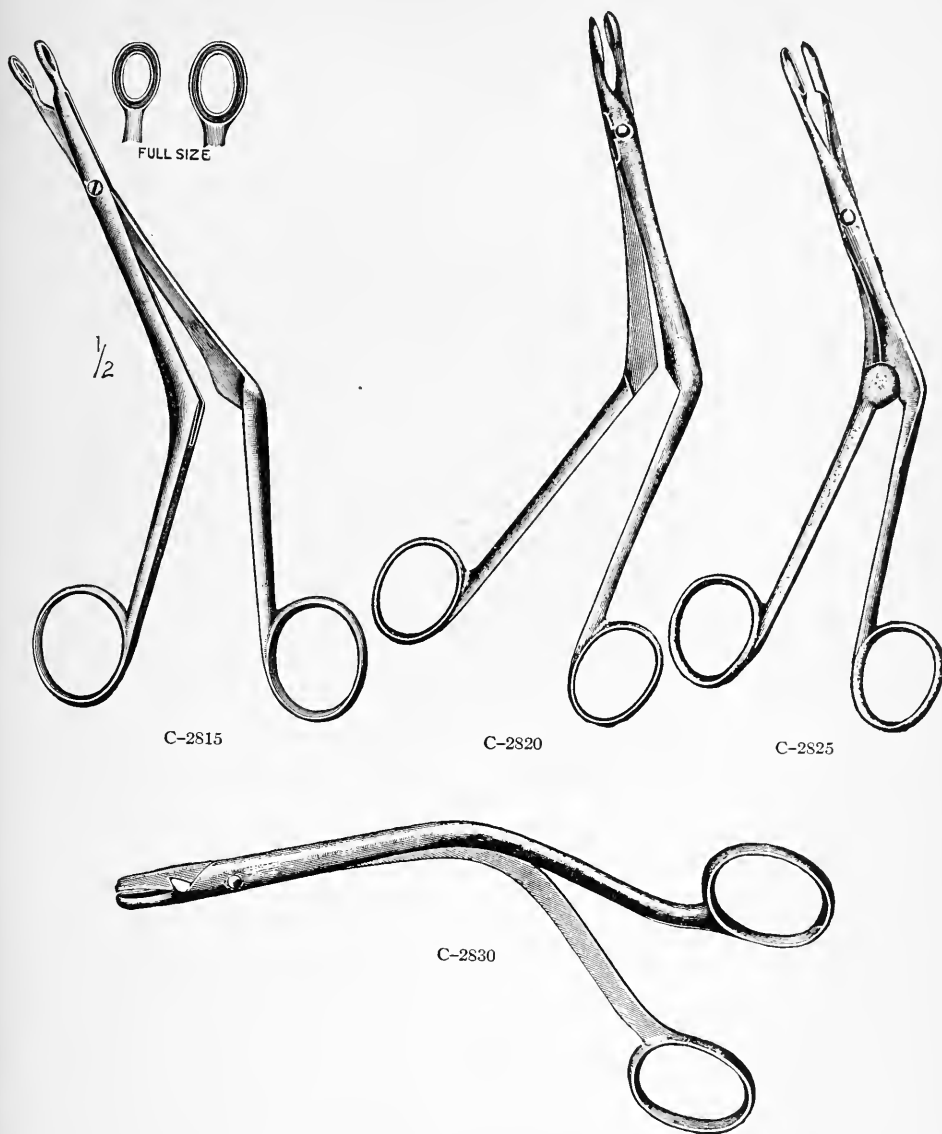


Nasal Instruments

Nasal Forceps

Dressing and Polypus Forceps

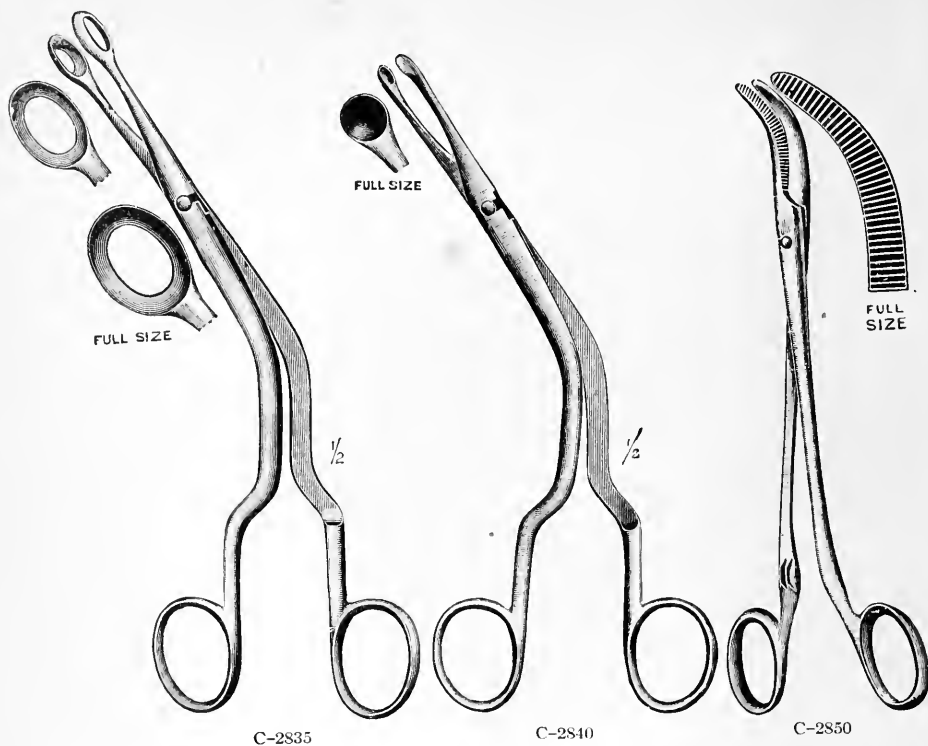
- *C-2780 **Duplay's**, polypus, curved.
- *C-2785 **Gross's**, polypus, curved.
- C-2790 **Hartman's**, dressing.
- C-2795 **Jansen's**, dressing.
- C-2800 **Killian's**, septum compression, small and large.
- C-2805 **Knight's**, polypus.
- C-2810 **Musehold's**, dressing and tampon.



Nasal Instruments

Forceps

- C-2815 Bruening's, large and small.
- C-2820 Heymann's, improved, cutting.
- C-2825 Knight's, cutting.
- C-2830 Pyncheon's, cutting.



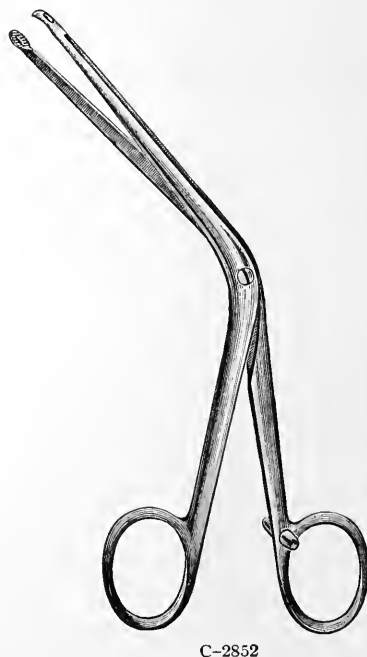
Nasal Instruments

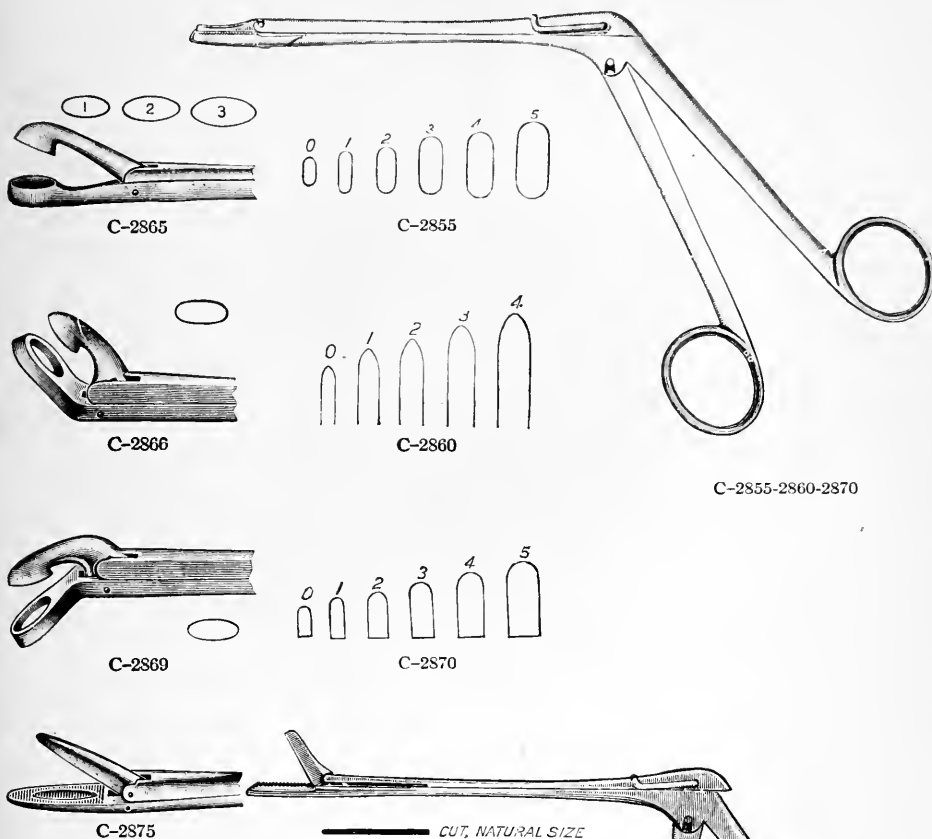
Forceps

- C-2835 Luc's, fenestrated, cutting, 2 sizes.
- C-2840 Luc's, spoon jaws, cutting.
- C-2850 Shallcross', haemostatic.
- C-2852 Valle-Heath's, dressing, new.

Epistaxis Canula

- *C-2853 Bellocque's.

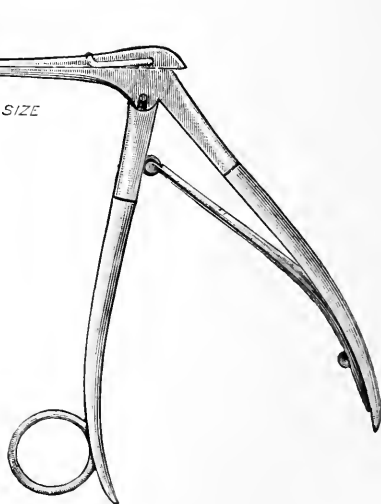




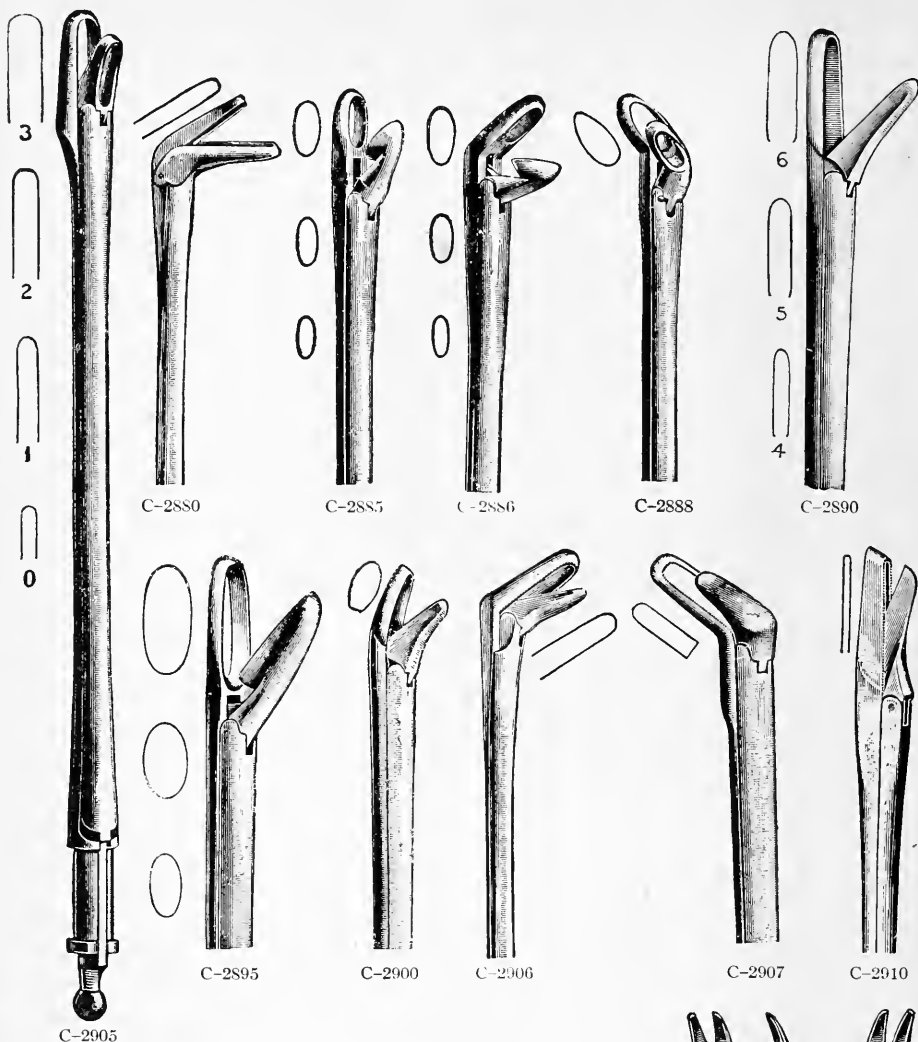
Nasal Instruments

Forceps, Cutting, Ring Handles

- C-2855 Gruenwald's, oval, 6 sizes.
- C-2860 Gruenwald's, long jaw, 5 sizes.
- C-2865 Gruenwald-Hartmann's, oval, 3 sizes.
- C-2866 Gruenwald-Hartmann's, curved up.
- *C-2867 Gruenwald-Hartmann's, curved down.
- *C-2868 Gruenwald - Hartmann's, curved to right.
- C-2869 Gruenwald - Hartmann's, curved to left.
- C-2870 Myles', straight, 6 sizes.
- *C-2871 Myles', curved up, ethmoid.
- C-2875 Noyes', grasping, serrated jaw.
- C-2876 Struycken's, latest.



C-2876



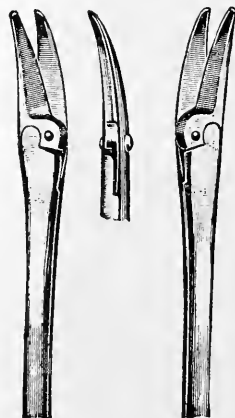
Nasal Instruments

Nasal Cutting Forceps—Fitting Universal Handle

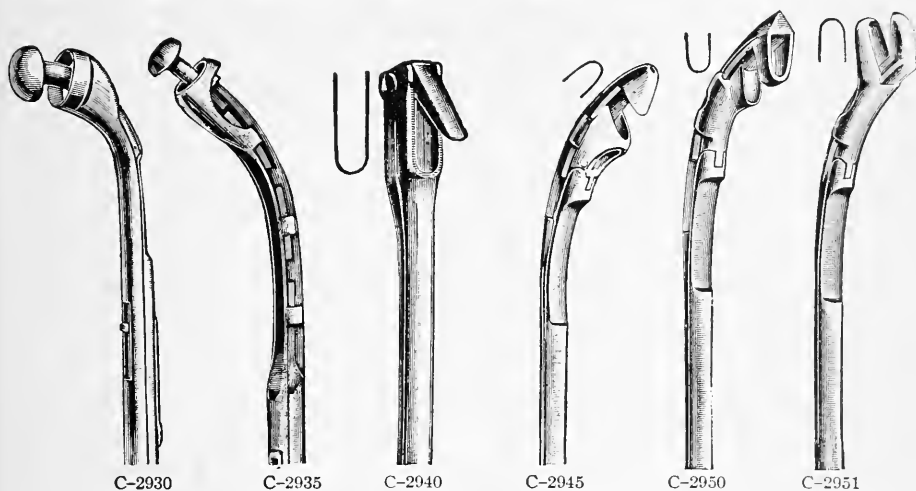
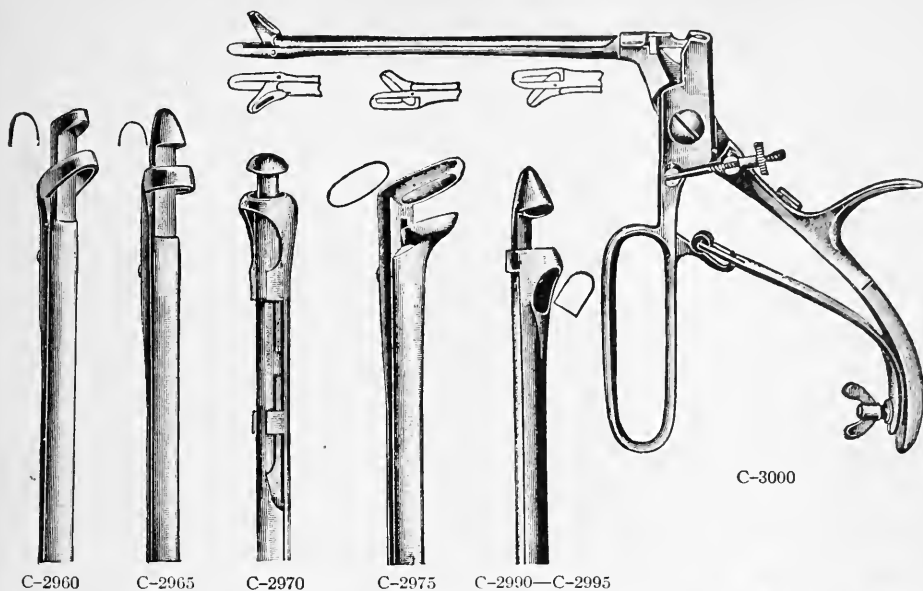
- C-2880 Fry's, curved up.
- C-2885 Gruenwald's, straight, 3 sizes.
- C-2886 Gruenwald's, curved up or down, reversible.
- C-2888 Gruenwald-Kuemmel's, curved right and left.
- C-2890 Gruenwald-Struycken's, 3 sizes.
- C-2895 Hartman's, oval, straight, 3 sizes.
- C-2900 Lermoyez's.
- C-2905 Myles', straight, 4 sizes.
- C-2906 Myles', curved up, 1 size.
- C-2907 Myles', curved, right or left.
- C-2910 Struycken's, cutting, straight.

Nasal Scissors

- *C-2915 Hartman's, straight.
- *C-2920 Holmes', straight.
- *C-2921 Holmes', curved.
- *C-2925 Watson's, angular.



C-2921



Nasal Instruments

Punches Fitting Universal Handle Antrum

C-2930 **Anderson's**.
C-2935 **Fletcher's**.
C-2940 **Ostrom's**, straight, reversible.

C-2945 **Speiss's**, curved.
C-2950 **Wagner's**, cutting forward.
C-2951 **Wagner's**, cutting backward.

Ethmoid and Sphenoid

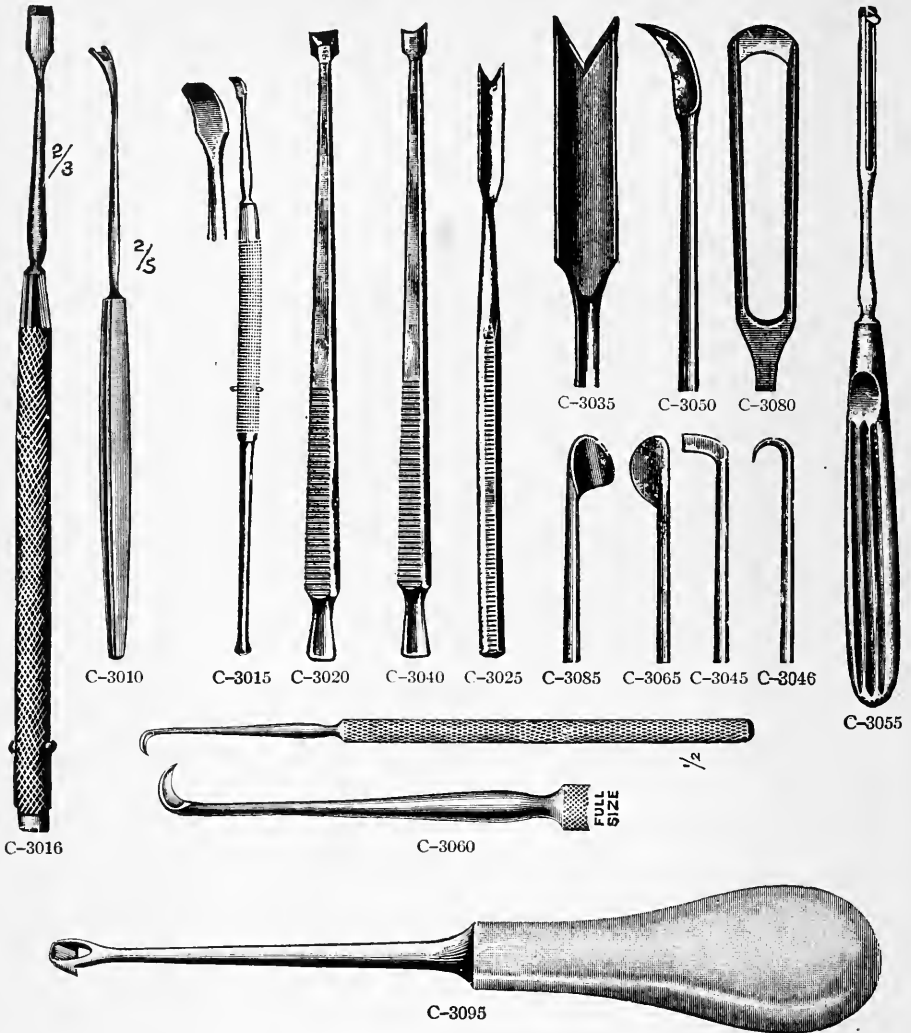
*C-2955 **Anderson's**, sphenoidal.
C-2960 **Cordes's**, ethmoid.
C-2965 **Cordes's**, sphenoid.
C-2970 **Fletcher's**, ethmoid and sphenoid.
C-2975 **Gruenwald's**, ethmoid, reversible.
*C-2980 **Lange's**, ethmoid, curved.

*C-2985 **Lange's**, curved, with probe point.
C-2990 **Schmithuisen's**, ethmoid and sphenoid,
4½ inches.
C-2995 **Schmithuisen's**, ethmoid and sphenoid,
6¼ inches.

NOTE—Prices quoted are for punches only. Handle extra.

Universal Handle

C-3000 Handle, fitting any of the punches listed above.



Nasal Instruments

Chisels, Gouges, Curettes, Knives, Hooks, Etc.

- | | | | |
|---------|--|---------|--|
| C-3010 | Chisel, Andrews' , turbinated. | C-3055 | Knife, Ballenger's , swivel, septum, 2 sizes. |
| C-3015 | Chisel, Freer's , curved, submucous septum. | C-3060 | Knife, Dean's , turbinate, right and left. |
| C-3016 | Chisel, Freer's , straight, submucous septum. | C-3065 | Knife, Ingal's , septum. |
| C-3020 | Chisel, White's . | *C-3070 | Knife, Killian's , exostosis. |
| C-3025 | Gouge, Ballenger's , V-shape. | *C-3075 | Knife, Kyle's , septum. |
| *C-3030 | Gouge, Freer's , 2 sizes. | C-3080 | Knife, Nichol's , spoke shave, with 1 blade. |
| C-3035 | Gouge, Hajek's , 3 sizes. | C-3085 | Knife, Schultz's , spoke shave, right and left. |
| C-3040 | Gouge, White's , | *C-3090 | Knife, Sluder's , turbinate, set of 2, right and left, with 1 handle. |
| C-3045 | Hook, Hajek's , flat, sharp. | C-3095 | Shave, Burrell's , submucous septum. |
| C-3046 | Hook, Hajek's , sharp pointed. | | |
| C-3050 | Knife, Allen's , septum. | | |



C-3101



C-3100



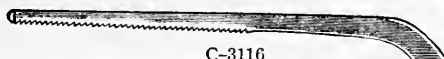
C-3110



C-3105



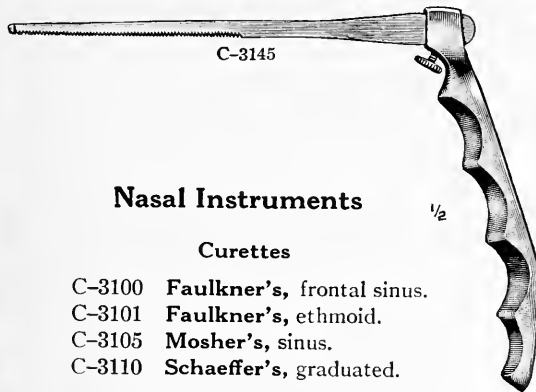
C-3130



C-3116



C-3145



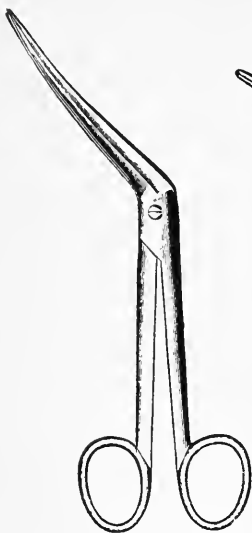
Nasal Instruments

Curettes

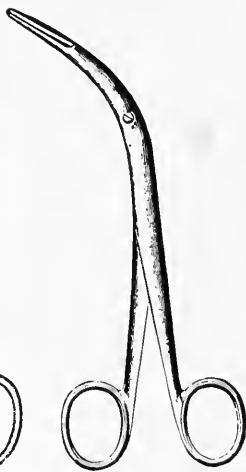
- C-3100 **Faulkner's**, frontal sinus.
- C-3101 **Faulkner's**, ethmoid.
- C-3105 **Mosher's**, sinus.
- C-3110 **Schaeffer's**, graduated.

Saws

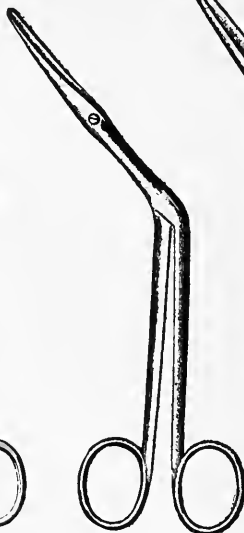
- *C-3115 **Bosworth's**, straight.
- C-3116 **Bosworth's**, angular, up and down.
- *C-3120 **Bucklin's**, set of 2 blades.
- *C-3125 **Curtis's**, straight, thin blade.
- C-3130 **Hall's**, set of 2 blades, bevel edged.
- *C-3135 **Holmes's**, thin blade, with straight or back cutting teeth.
- *C-3140 **Kyles's**, horizontal and vertical.
- C-3145 **McAuliff's**, set of 2 blades, bevel edged.
- *C-3150 **Robertson's**, up and down.



C-3160



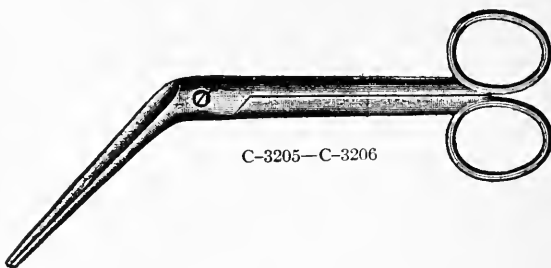
C-3161



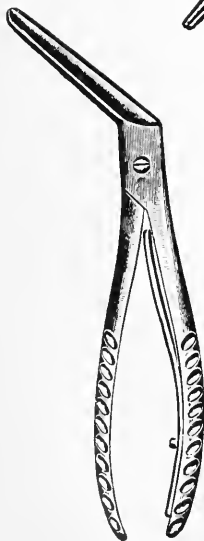
C-3180



C-3195



C-3205—C-3206

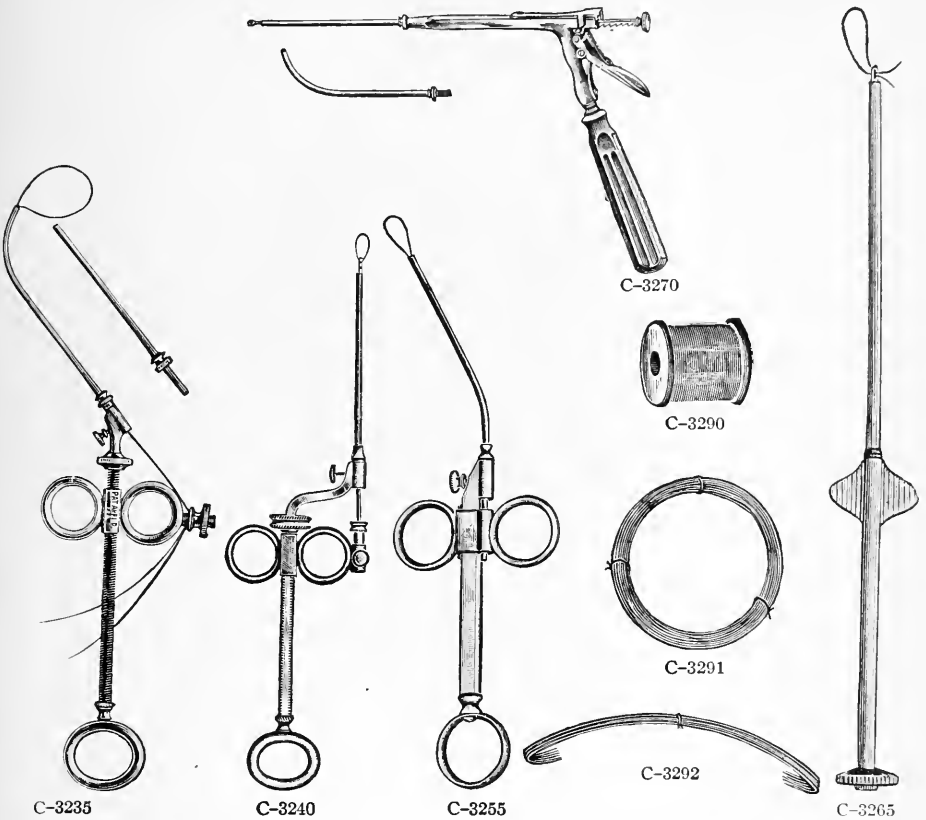


C-3190

- Nasal Instruments**
- Scissors**
- C-3160 **Beckman's**, for upper turbinates.
 - C-3161 **Beckman's**, for middle turbinates.
 - *C-3165 **Casselberry's**, serrated edges.
 - *C-3170 **Gruenwald's**, alligator action.
 - C-3175 **Herzfeld's**, forceps handle, small.
 - C-3180 **Heymann's**.
 - *C-3185 **Holmes'**, latest, straight, right and left.
 - C-3190 **Jackson's**, turbinatome.
 - *C-3191 **Jackson's**, turbinatome, saw edge.
 - C-3195 **Knight's**.
 - *C-3200 **Mueller's**, Vienna pattern, sliding blade.
 - C-3205 **Seiler's**, regular pattern.
 - C-3206 **Seiler's**, heavy pattern.
 - *C-3210 **Thompson's**, turbinatome, saw edge.
 - *C-3215 **Watson's**.



C-3175



Nasal Instruments

Snares

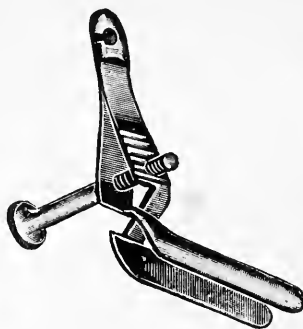
- *C-3230 **Baker's.**
- C-3235 **Bosworth's**, improved, seamless steel tips.
- C-3240 **Douglass'.**
- *C-3245 **Duffee's.**
- *C-3250 **Jarvis'**, straight.
- C-3255 **Krause's.**
- *C-3260 **Martin's.**
- C-3265 **Sajou's**, original.
- C-3270 **Wright's**, 2 tips.
- *C-3275 **Wright's**, 2 tips, folding handle.

Snare Wire

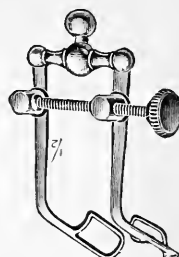
- C-3290 Snare Wire, on spools, sizes 1 to 5.
- C-3291 Snare Wire, in $\frac{1}{4}$ -lb. coils, sizes 1 to 5.
- C-3292 Snare Wire, cut ready for use with stylet, sizes 1 to 5, 12 in package.
- *C-3295 **Yankauer's** Wire Loops, for nasal snares.



C-3300



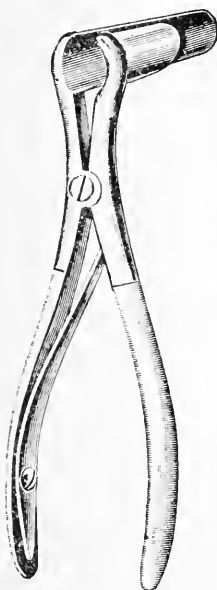
C-3306



C-3305



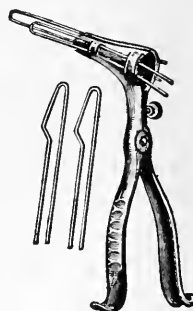
C-3310



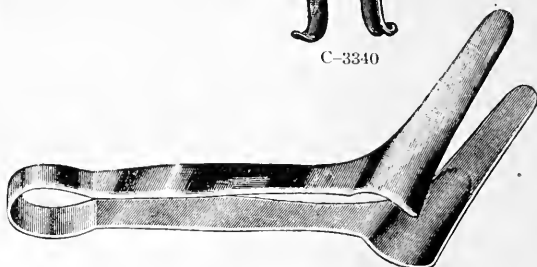
C-3325



C-3330



C-3340

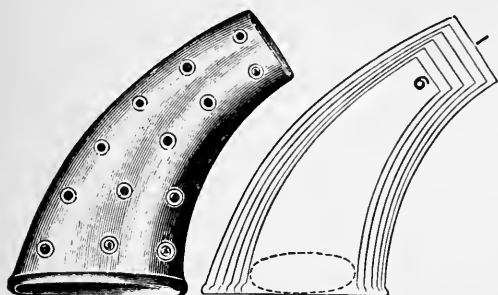


C-3320

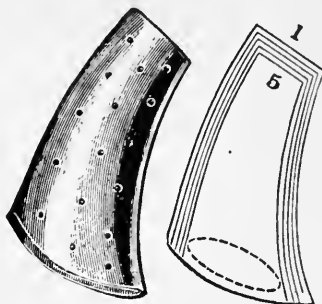
Nasal Instruments

Speculums for Submucous Resections

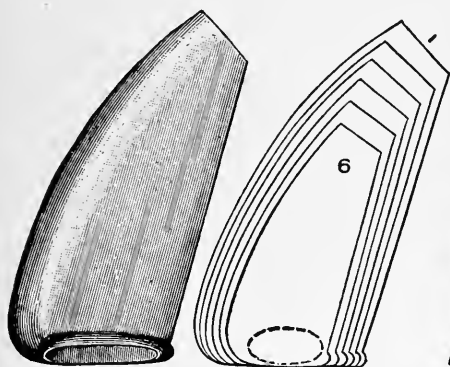
- C-3300 **Ballenger's.**
- C-3305 **Beck's**, self-retaining, to be used with head band.
- C-3306 **Beck's**, nasal clamp, septum.
- C-3310 **Carter's**, steel.
- *C-3315 **Goldstein's**, mucosa.
- C-3320 **Good's**, self-retaining.
- C-3325 **Hurd's**, one long and one short blade, steel.
- C-3330 **Killian's**, latest, made of tempered steel, very thin blades, 3 sizes, 2, 2½ and 3 inches long.
- *C-3335 **Metzenbaum's.**
- C-3340 **Mosher's**, with 2 sets of wire blades.
- *C-3345 **Murphy's**, latest model.
- *C-3350 **Patton's**, all steel, 2 sizes, 1 and 2-inch blades.



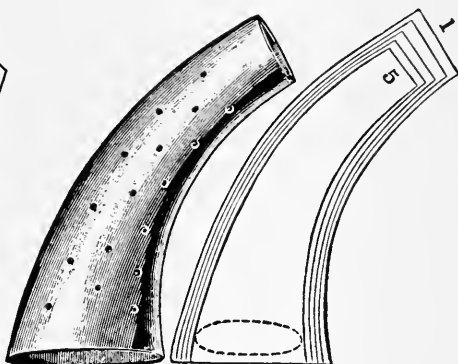
C-3380



C-3376



C-3385



C-3375



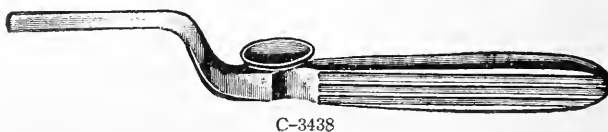
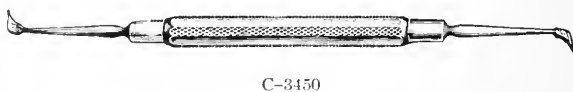
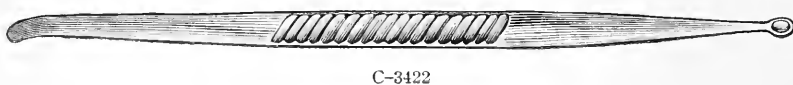
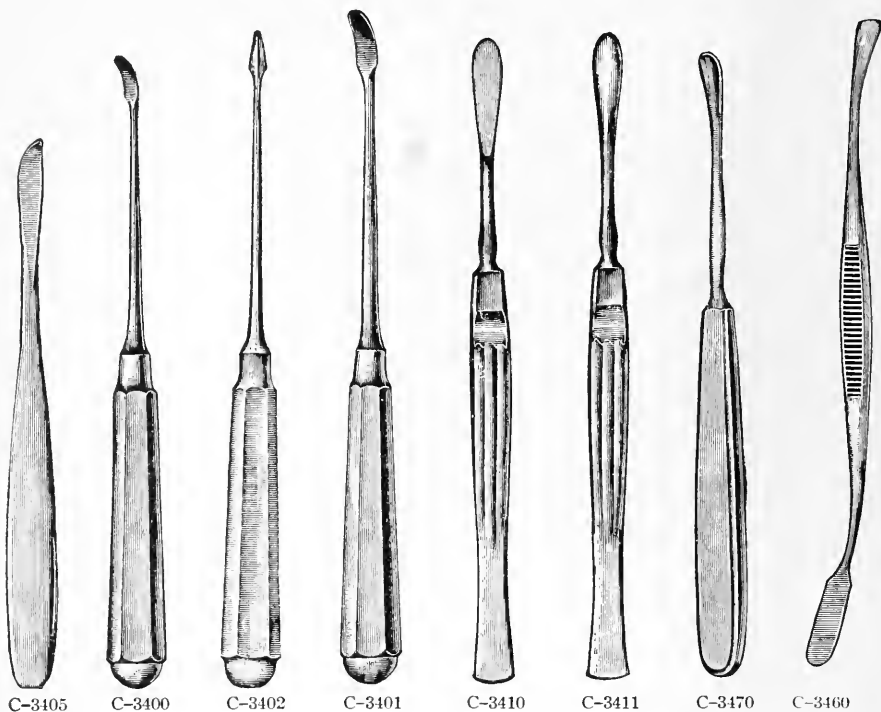
C-3390

Nasal Instruments

Septum Splints

- *C-3360 **Ash's**, hard rubber, 5 sizes.
- *C-3365 **Carter's**, bridge splint.
- *C-3370 **Farrell's**, metal, 6 sizes.
- C-3375 **Kyle's**, metal, long, 5 sizes, plain or perforated.
- C-3376 **Kyle's**, metal, short, 5 sizes, plain or perforated.
- C-3380 **Mayer's**, hard rubber, 6 sizes.
- C-3385 **McKernon's**, hard rubber, 6 sizes, improved pattern.
- C-3390 **Simpson's**, tampons, 4 dozen in box.

Nasal Instruments



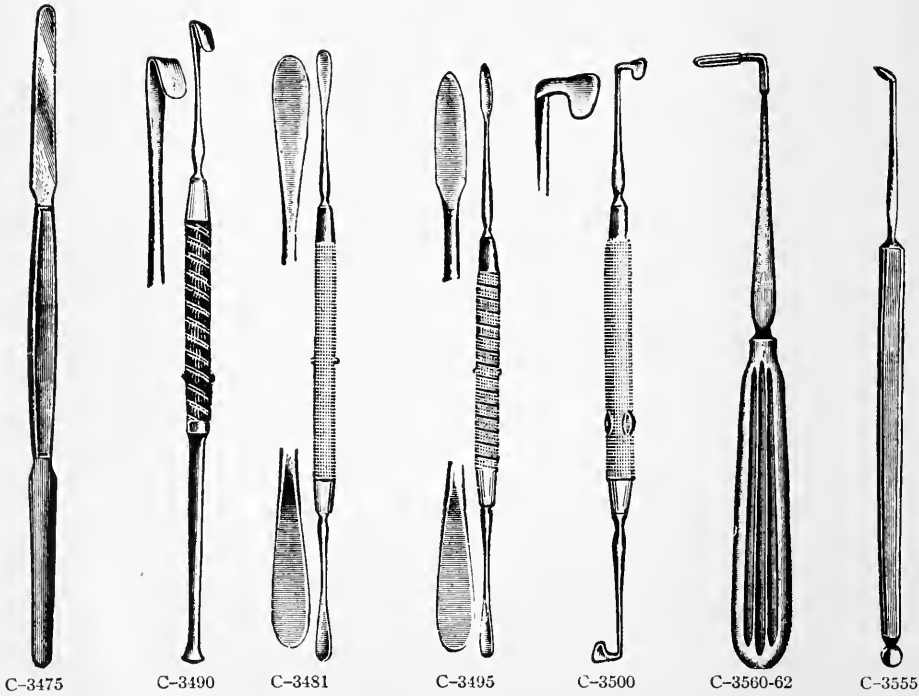
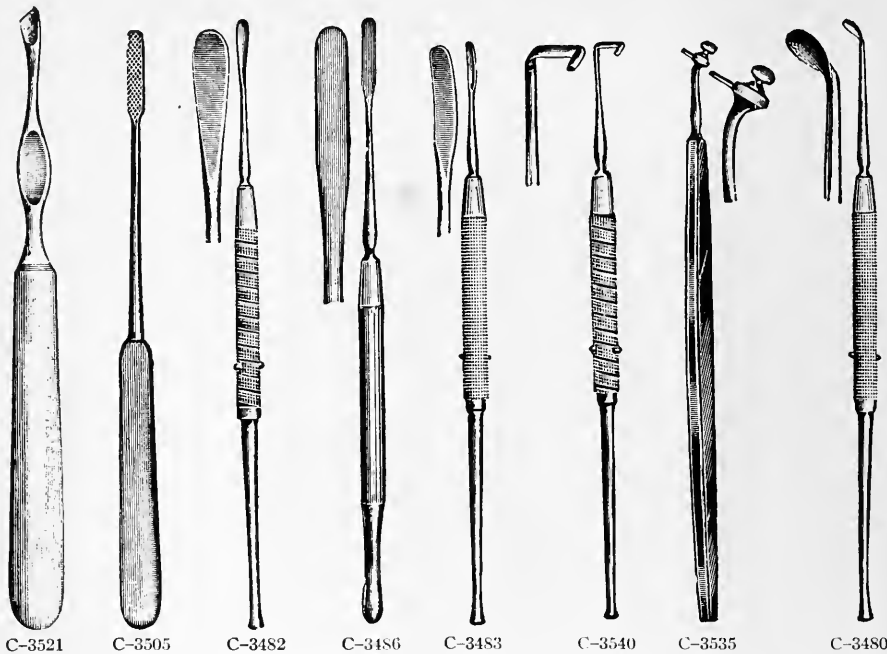


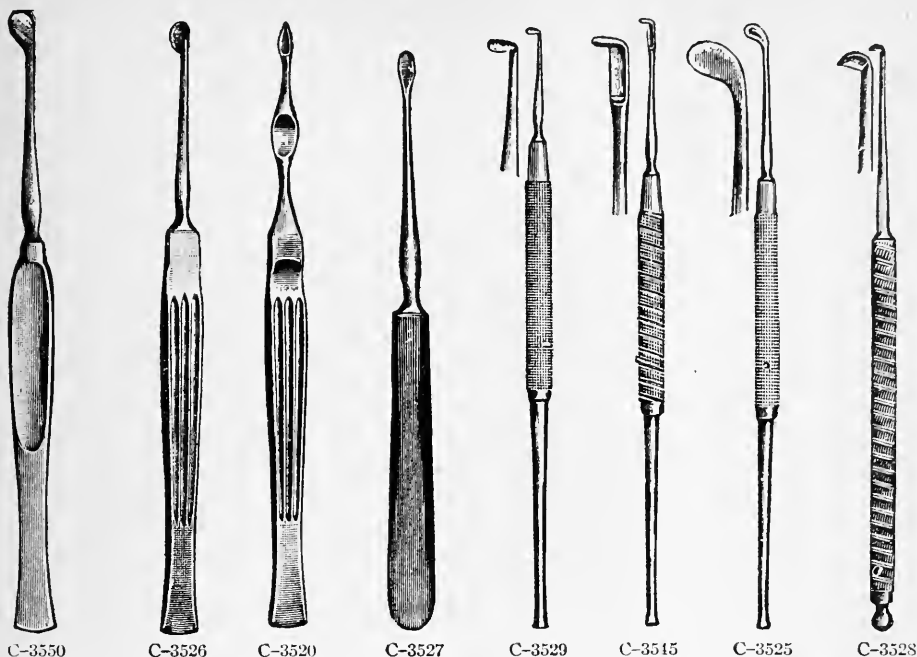
Nasal Instruments

Dissectors and Elevators

- | | | | |
|---------|--|---------|--|
| C-3400 | Abraham's , narrow. | C-3431 | Hurd's , separator and curette. |
| C-3401 | Abraham's , wide. | C-3435 | Killian's , new model, blunt and sharp. |
| C-3402 | Abraham's , flat on one side, triangular on other, sharp edges, semi-blunt point. | C-3436 | Killian's , sharp. |
| C-3405 | Asch's . | C-3437 | Killian's , blunt. |
| C-3410 | Ballenger - Hajek's , semi-sharp. | C-3438 | Killian's , bayonet shape, right and left. |
| C-3411 | Ballenger-Hajek's , blunt. | *C-3439 | Killian's , set of 5 instruments with 1 handle. |
| C-3412 | Ballenger-Hajek's , double ended. | C-3445 | Pierce's , sub-mucous dissector. |
| *C-3415 | Beck's , hoe and knife. | C-3450 | Purcell's , pereosteotome. |
| C-3420 | Brown's , dissector and hoe. | C-3455 | Roger's , dissector, semi-sharp. |
| C-3422 | Carter's , flexible elevator, and curette. | C-3460 | Spratt's , dissector. |
| *C-3425 | Freer's , double, blunt and sharp. | C-3465 | Stauffer's , double end, flexible. |
| C-3430 | Hurd's , dissector, sharp and blunt, blunt end is copper, flexible. | C-3470 | Yankauer's , elevator, blunt. |
| | | C-3471 | Yankauer's , elevator, hook shape. |

Nasal Instruments





Nasal Instruments

Instruments for Resection of the Nasal Septum

Elevators

- C-3475 **Blackwell's**, flexible copper.
 C-3480 **Freer's**, angular.
 C-3481 **Freer's**, double end, sharp and blunt.
 C-3482 **Freer's**, L, sharp.
 C-3483 **Freer's**, M, blunt.
 *C-3484 **Freer's**, X, short, sharp.
 C-3485 **Freer's**, X, short, blunt.
 C-3486 **Freer's**, Y, long, sharp.
 *C-3487 **Freer's**, Y, long, blunt.
 C-3490 **Goldstein's**, blunt.
 *C-3491 **Goldstein's**, sharp.
 C-3495 **Haseltine's**, with knife.
 C-3500 **Thomsen-Von Col-ditz's**.

File

- C-3505 **Good's**, septum.

Hooks

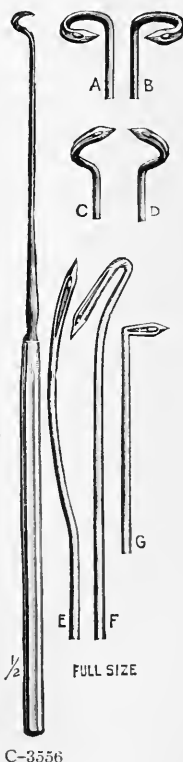
- *C-3510 **Freer's**, U, double, sharp.
 *C-3515 **Killian's**, angular, sharp.
 *C-3516 **Killian's**, angular, blunt.

Knives

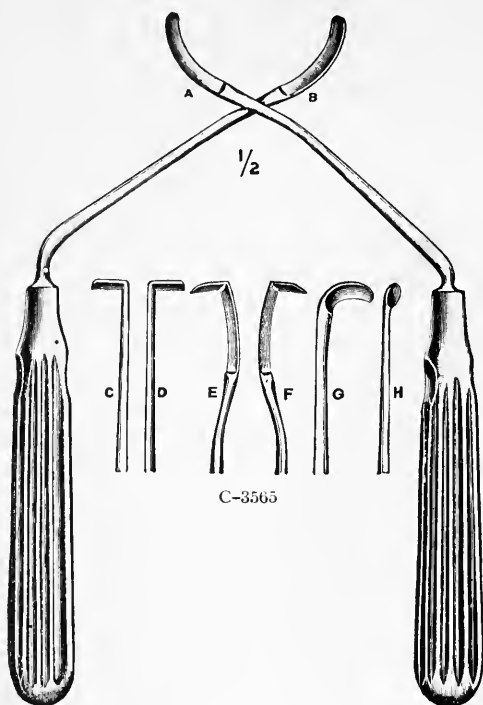
- C-3520 **Ballenger's**, mucosa.
 C-3521 **Ballenger-Murphy's**, septum.
 C-3525 **Freer's**, A.
 C-3526 **Freer's**, D.
 C-3527 **Freer's**, E.
 C-3528 **Freer's**, H.
 C-3529 **Freer's**, V.
 *C-3530 **Freer's**, I.
 C-3535 **McCoy's**.
 C-3540 **Metzenbaum's**.
 C-3545 **Murray's**.
 C-3550 **Stein's**.
 C-3555 **Yankauer's**, angular.
 C-3556 **Yankauer's**, needles, A to G.

Retractors

- C-3560 **Freer's**, Q, extra long.
 C-3561 **Freer's**, R, medium, 8 mm.
 C-3562 **Freer's**, S, small, 6 mm.



C-3556



C-3565



C-3570



C-3575

Nasal Instruments

Knives (continued)

C-3565 **Ballenger's Turbinate Instruments,**
A to H.

Septum Straightening Forceps

C-3570 **Adams'.**

C-3575 **Asch's.**

C-3580 **Kyle's.**

*C-3585 **Roe's, 2 sizes.**

*C-3590 **Watson's.**

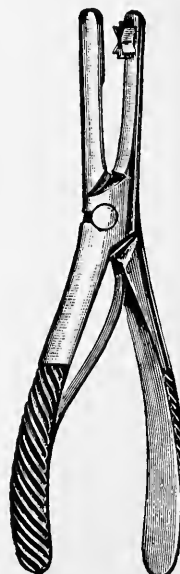
Septum Punches

*C-3595 **Sajou's, with 6 assorted punches.**

C-3600 **Steele's.**



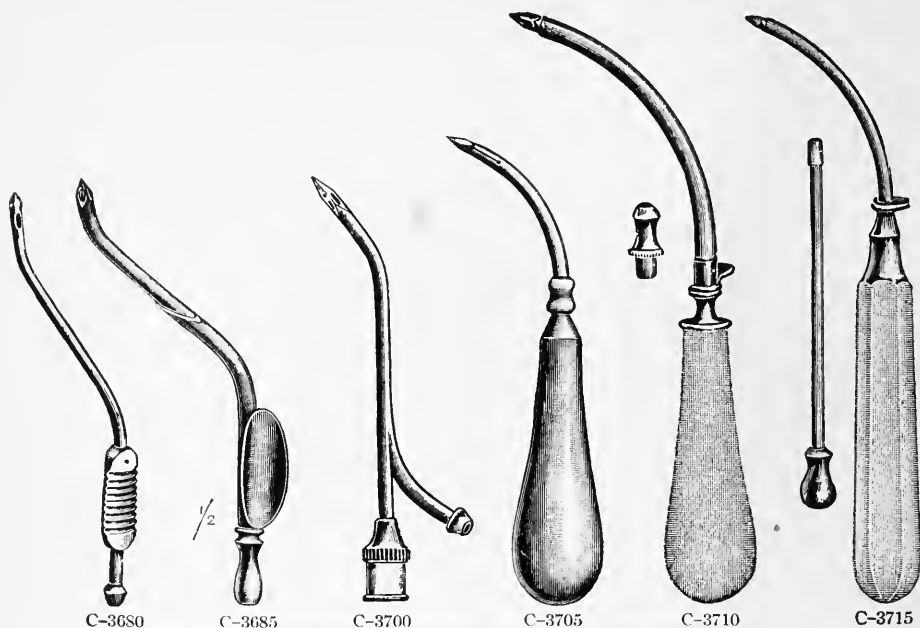
C-3580



C-3600

Septum Cutting Forceps

- PAGE 221



C-3645



C-3655



C-3665



C-3678

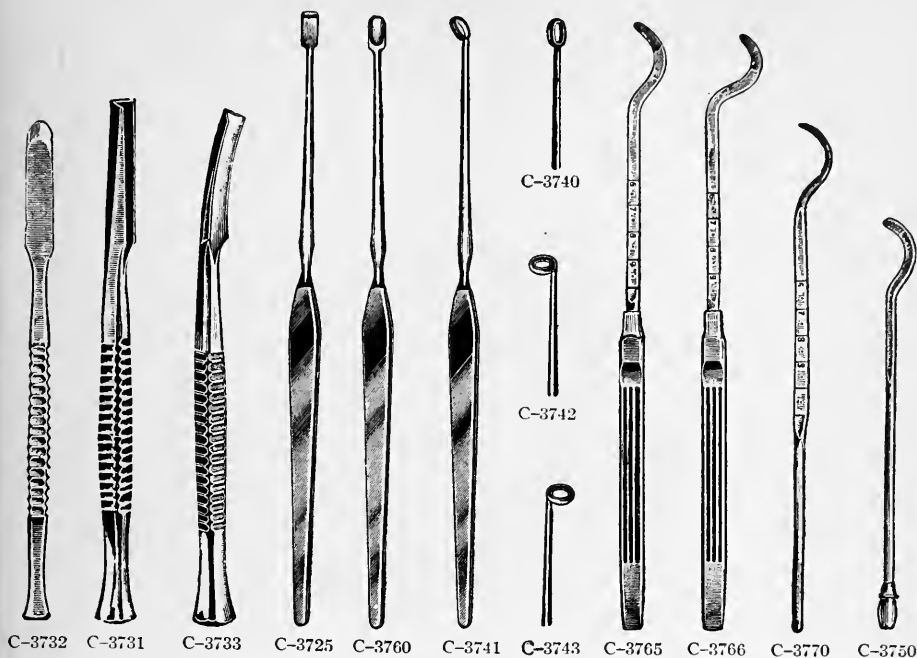
Nasal Instruments

Antrum Instruments

- *C-3640 Antrum Burr, **Abraham's**.
- C-3645 Antrum Burr, **Ballenger's**, 4 sizes.
- C-3650 Antrum Burr, **Tilley's**, curved, 3 sizes.
- C-3655 Antrum Chisel, **Myles'**, sharp.
- *C-3660 Antrum Curette, **Myles'**, flexible shank, 5 sizes.
- C-3665 Antrum Drill, **Pope's**, trephine.
- *C-3670 Antrum Reamer, **Abraham's**.
- *C-3675 Antrum Saw, **Vail's**, right and left.
- C-3680 Antrum Trocar, **Douglass'**, combined with washing tube.
- C-3685 Antrum Trocar, **Gallagher's**, with openings in trocar point.
- *C-3690 Antrum Trocar, **Jurascz's**.
- *C-3695 Antrum Trocar, **Killian's**, new model.
- C-3700 Antrum Trocar, **Krause's**.
- C-3705 Antrum Trocar, **Myles'**, latest.
- C-3710 Antrum Trocar, **Pierce's**.
- C-3715 Antrum Trocar, **Robertson's**.
- C-3678 Antrum Trocar, **Charlton's**.



C-3650

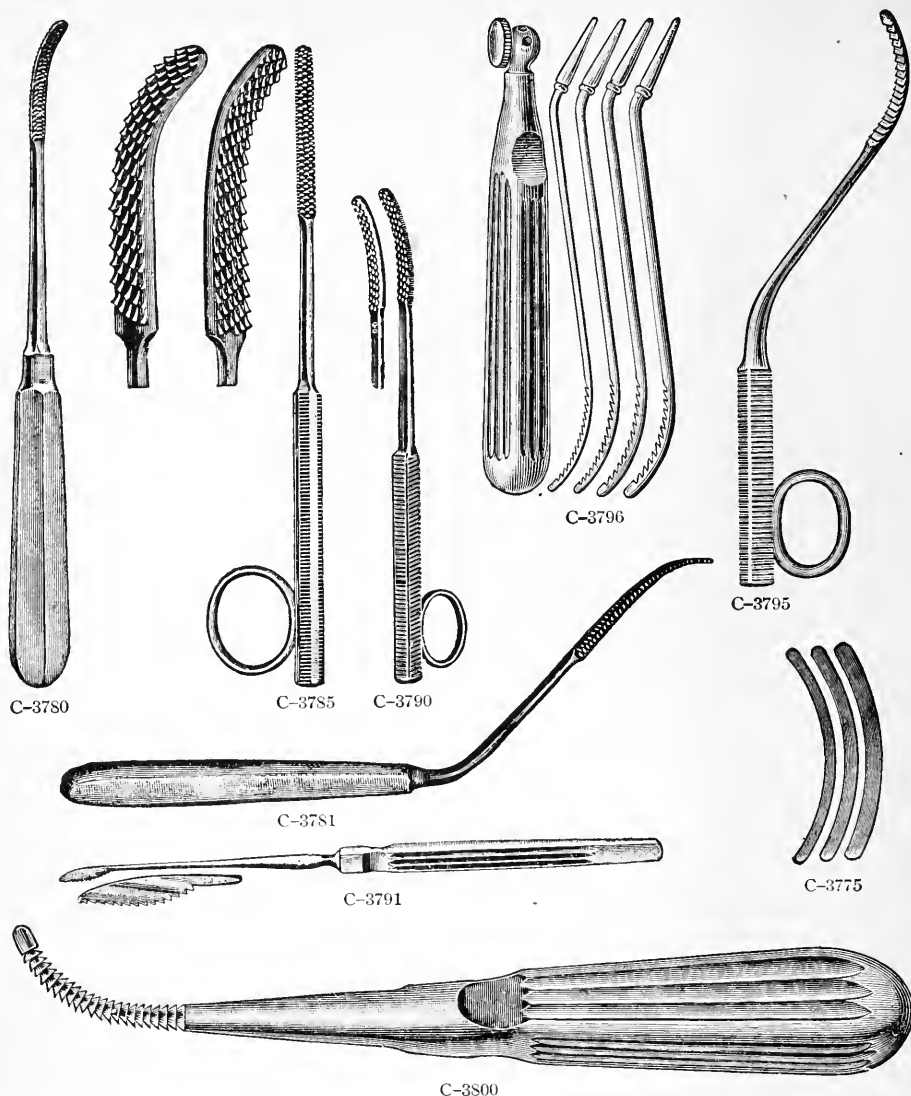


Nasal Instruments

Ethmoidal, Frontal Sinus and Sphenoidal

- C-3720 Chisel, **Good's**, frontal sinus, 2 sizes.
- C-3725 Chisel, **Griffin's**, ethmoidal.
- *C-3730 Chisel, **Killian's**, bayonet shape, frontal sinus.
- C-3731 Chisel, **Killian's**, straight, frontal sinus.
- C-3732 Chisel, **Killian's**, convex edge, frontal sinus.
- C-3733 Chisel, **Killian's**, curved, frontal sinus.
- C-3735 Curette, **Ballenger's**, ethmoidal, 2 sizes.
- *C-3736 Curette, **Carmody's**, frontal sinus, irrigating.
- *C-3737 Curette, **Coakley's**, frontal sinus, 6 styles.
- *C-3738 Curette, **Dean's**, frontal sinus, curved.
- *C-3739 Curette, **Freer's**, frontal sinus, 4 styles.
- C-3740 Curette, **Griffin's**, straight, ethmoidal.
- C-3741 Curette, **Griffin's**, half curved, ethmoidal.
- C-3742 Curette, **Griffin's**, left side cutting, ethmoidal.
- C-3743 Curette, **Griffin's**, right side cutting, ethmoidal.
- *C-3744 Curette, **Halle's**, frontal sinus, right and left.
- C-3745 Curette, **Killian's**, frontal sinus, 5 sizes.
- *C-3747 Curette, **Kenavell's**, frontal sinus, straight.
- *C-3749 Curette, **Rector's**, frontal sinus.
- C-3750 Canula, **Andrew's**, sphenoidal.
- C-3755 Drainage Tube, **Good's**, frontal sinus, gold-plated.
- C-3760 Gouge, **Griffin's**, ethmoidal.
- C-3765 Knife, **Andrew's**, sphenoidal.
- C-3766 Knife, **Andrew's**, ethmoidal.
- C-3770 Probe, **Andrew's**, sphenoidal.

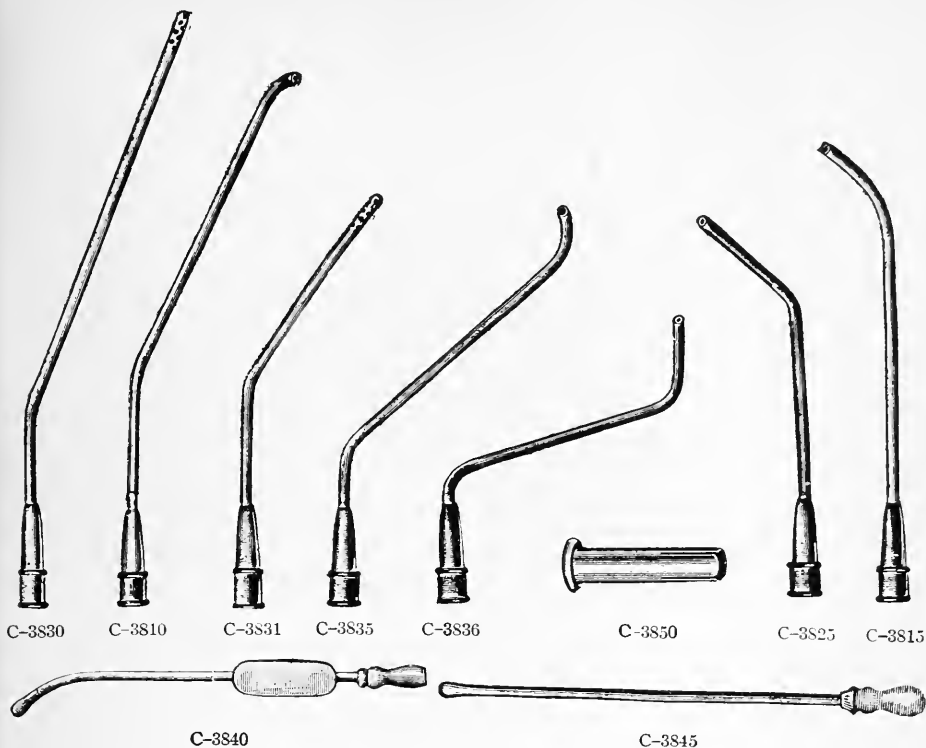




Nasal Instruments

Antrum, Frontal Sinus and Sphenoidal

- C-3775 Protector, **Good's**, frontal sinus, 3 sizes.
- C-3780 Rasp, **Brawley's**, antrum.
- C-3781 Rasp, **Brawley's**, frontal sinus.
- C-3785 Rasp, **Gallaher's**, antrum or frontal sinus, straight, concave and convex.
- C-3790 Rasp, **Good's**, frontal sinus, right and left, 2 sizes.
- C-3791 Rasp, **Good's**, sphenoidal.
- C-3795 Rasp, **Sullivan's**, frontal sinus, 4 sizes.
- C-3796 Rasp, **Sullivan's**, frontal sinus, 4 sizes for one handle.
- *C-3798 Rasp, **Thompson's**, frontal sinus, 2 models.
- C-3800 Rasp, **Weiner's**, universal, frontal sinus.
- *C-3805 Sound, **Good's**, frontal sinus, set of 3.



Nasal Instruments

Antrum, Ethmoid, Sphenoid and Frontal Sinus

Canulae

- C-3810 Bezold's, antrum, right and left.
- C-3815 Bresgen's, frontal sinus.
- *C-3820 Fish's, antrum, delicate.
- C-3825 Fraenkel's, antrum.
- C-3830 Gruenwald's, frontal sinus.
- C-3831 Gruenwald's, sphenoidal sinus.
- C-3835 Hartman's, antrum.
- C-3836 Hartman's, frontal sinus.
- C-3840 Killian's, antrum.
- C-3845 Myles', antrum, 3 sizes.
- C-3846 Myles', exploring.

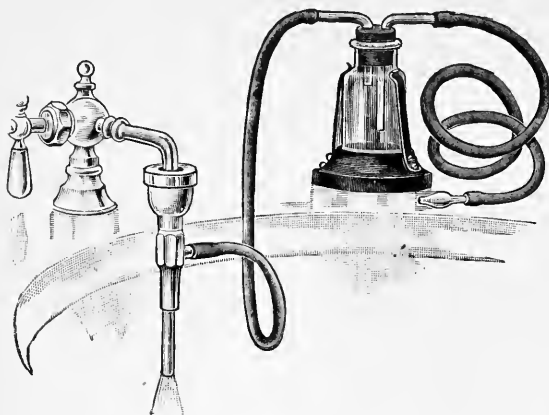
Drainage Tubes

- C-3850 Hovell's, silver.
- *C-3855 Myles', soft rubber, 3 sizes.

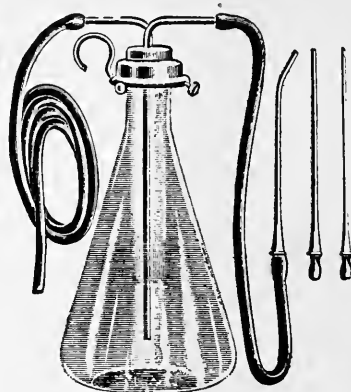
Needles

- C-3860 Killian's, right or left.

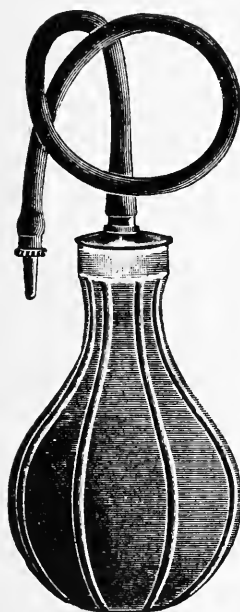




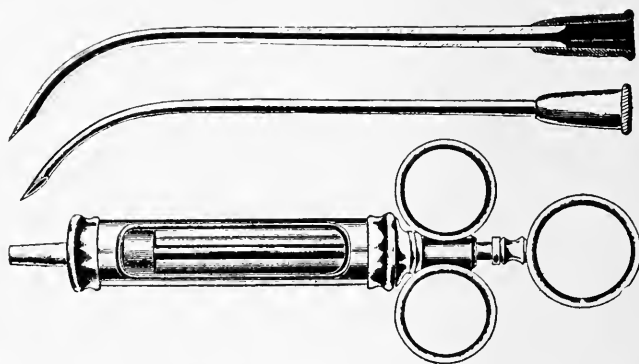
C-3870



C-3875



C-3880



C-3885

Nasal Instruments

Antrum, Ethmoid, Sphenoid and Frontal Sinus

Suction Apparatus

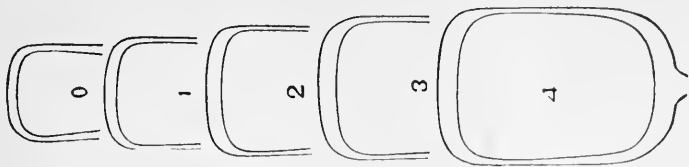
C-3870 **Brawley's.**

C-3875 **Haskin's**, complete with tubing and 3 silver tubes of different calibre.

Syringes

C-3880 Antrum, for use with washing canulae.

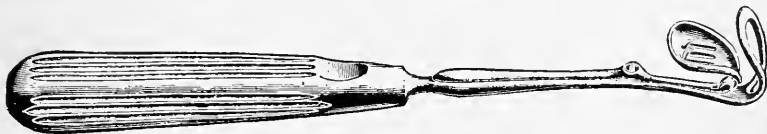
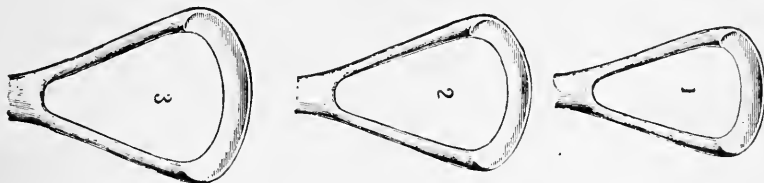
C-3885 Antrum, **Abraham's**, with steel trocar needle.



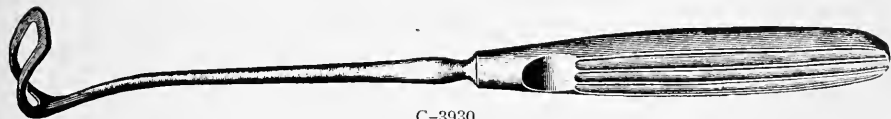
C-3900



C-3910



C-3925



C-3930



C-3935

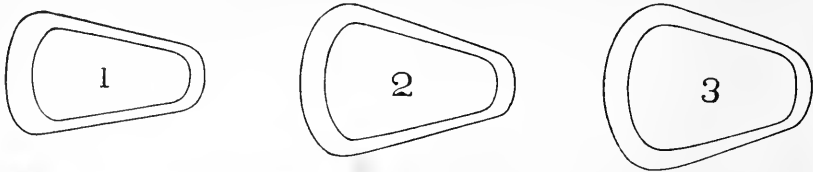
Post Nasal Instruments

Adenotomes and Curettes

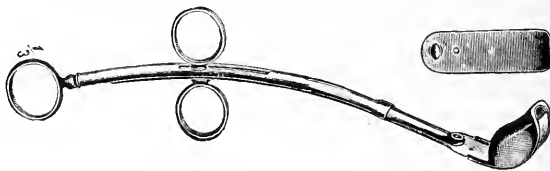
- C-3900 **Barnhill's**, 5 sizes.
- *C-3905 **Beck's**, with waved edge.
- C-3910 **Beckmann's**, 4 sizes.
- *C-3915 **Boston's**, for infants, 1 size.

- *C-3920 **Collum's**, with sliding blade.
- C-3925 **Delstanche's**, 3 sizes.
- C-3930 **DeRoalde's**, 4 sizes.
- C-3935 **Ingersoll's**, 1 size.

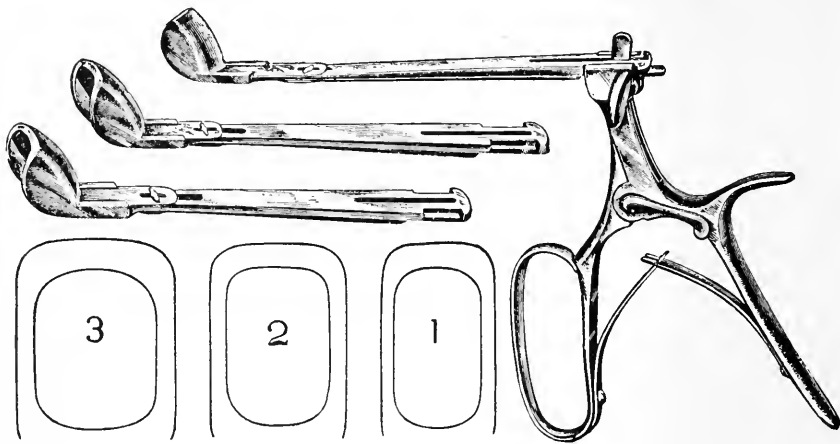
Post Nasal Instruments



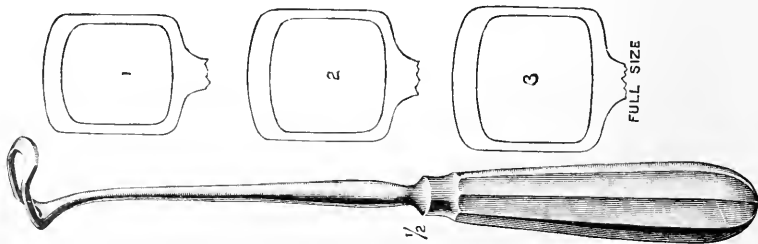
C-3940



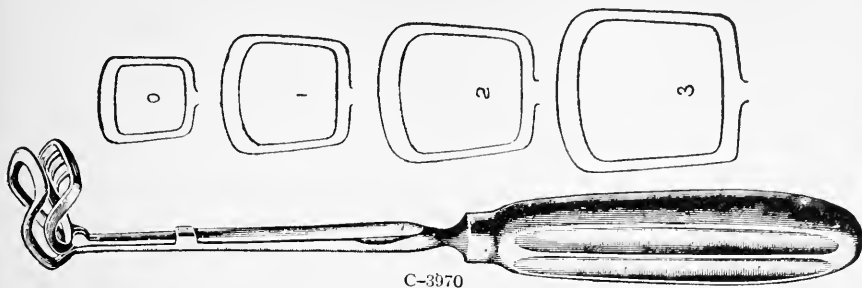
C-3950



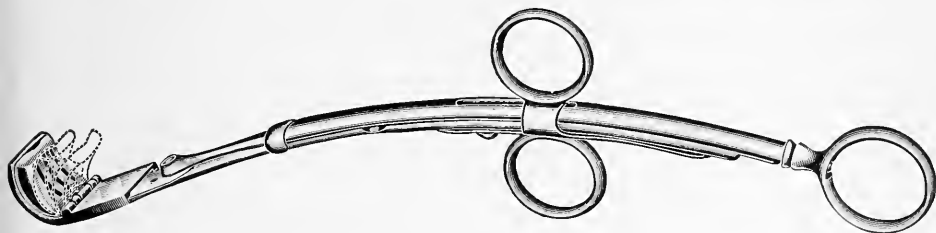
C-3955



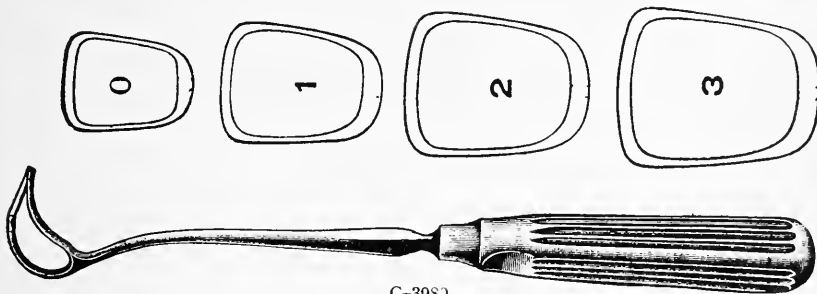
C-3960



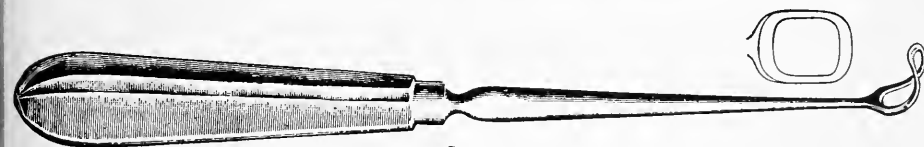
C-3970



C-3975



C-3980



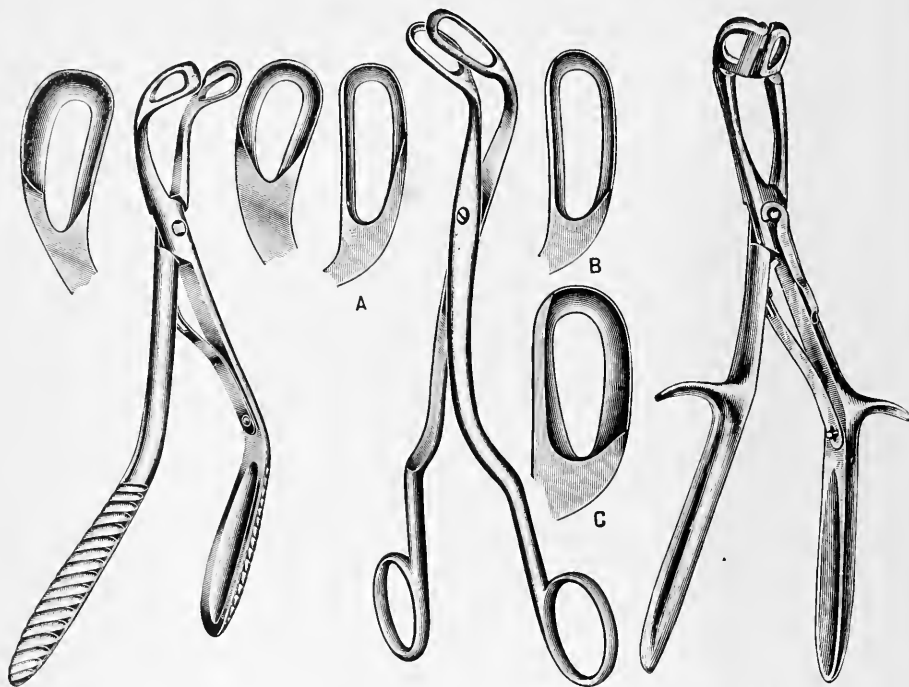
C-3990

Post Nasal Instruments

Adenotomes and Curettes

- C-3940 **Gottstein's**, 3 sizes.
- *C-3945 **Kirstein's**, 3 sizes.
- C-3950 **LaForce's**, 3 sizes.
- C-3955 **LaForce's**, set of 3 sizes with one handle.
- C-3960 **Royce's**, 3 sizes.
- *C-3965 **Sluder's**, 3 sizes.
- C-3970 **St. Clair Thomson's**, 4 sizes.
- C-3975 **Stevenson's** modification of **LaForce's**.
- C-3980 **Stubb's**, 4 sizes.
- *C-3985 **Todd's**, right and left, 2 sizes.
- C-3990 **Vogel's**, for infants, 1 size.

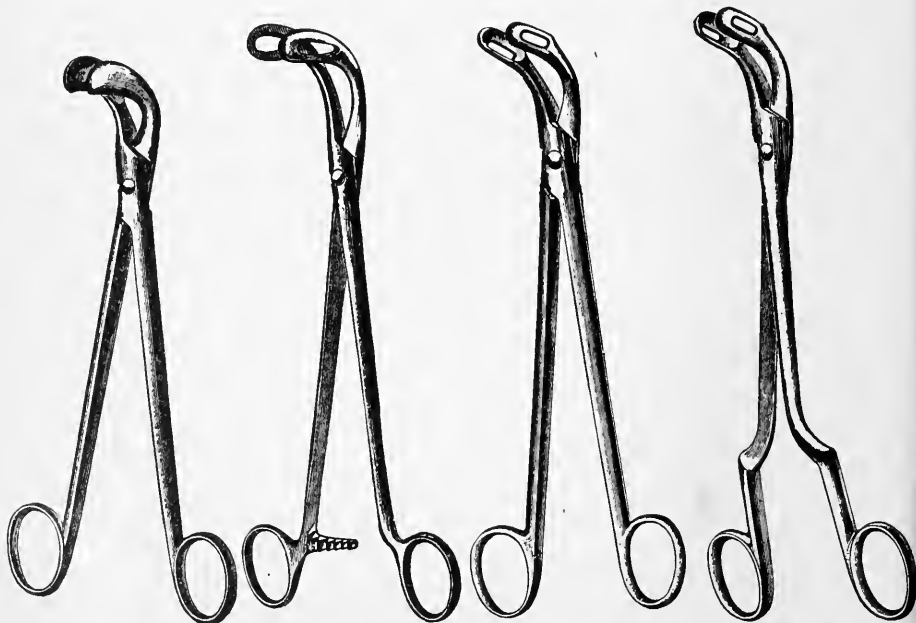
Post Nasal Instruments



C-4000

C-4025-4026-4027

C-4040



C-4020

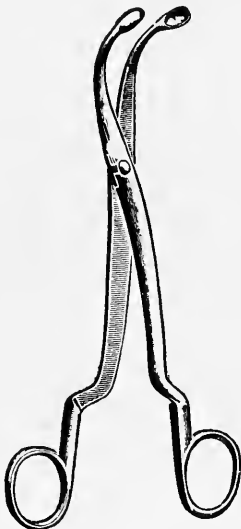
C-4065

C-4060

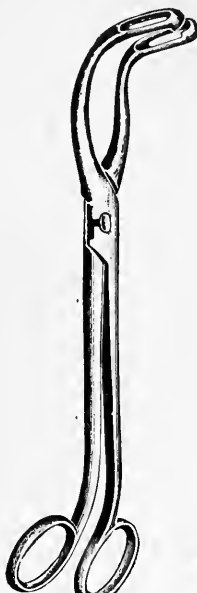
C-4005



C-4010



C-4035



C-4030



C-4050

Post Nasal Instruments

Adenoid Cutting Forceps

- C-4000 **Brandeggee's**, 2 sizes, latest.
- C-4005 **Chatellier's**.
- C-4010 **Cohen's**, fenestrated.
- *C-4015 **Curtis's**.
- C-4020 **Doyen's**, cutting.
- C-4025 **French's**, lymphoid, Fig. B.
- C-4026 **French's**, vault, Fig. A.
- C-4027 **French's**, latest, Fig. C.
- C-4030 **Jurascz's**, original pattern, 3 sizes.
- *C-4031 **Jurascz's**, latest pattern, 2 sizes.
- C-4035 **Hooper's**.
- C-4040 **McAuliff's**.
- *C-4045 **Meniere's**.
- C-4050 **Prince's**, latest pattern.
- *C-4055 **Quinlan's**.
- C-4060 **Ruault's**.

Adenoid Grasping Forceps

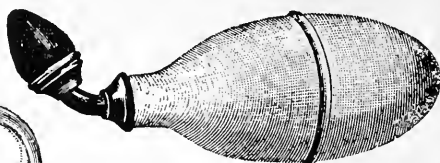
- C-4065 **Doyen's**.
- *C-4070 **Kathi's**.
- C-4075 **Stille's**, sponge and dressing.
- *C-4080 **Wagner's**.



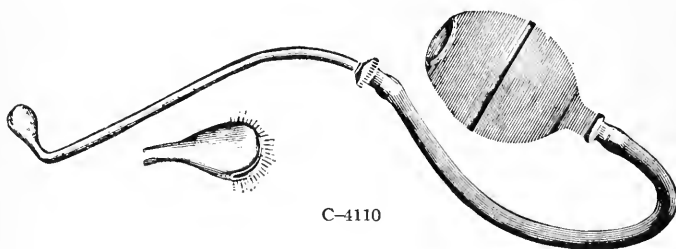
C-4075



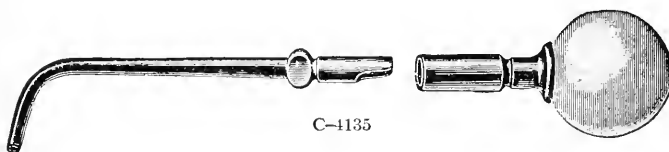
C-4100



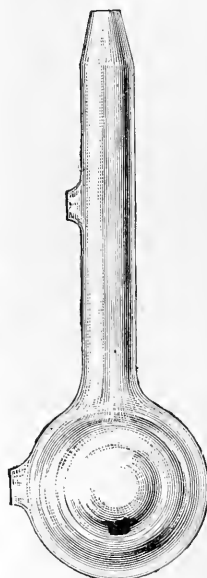
C-4105



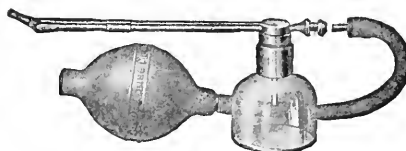
C-4110



C-4135



C-4120



C-4130

Nasal Instruments, Sundries

Douches

- C-4100 Birmingham, glass.
- C-4105 Gem, pocket.
- C-4110 Holmes', post nasal.
- *C-4115 Warner's, post nasal.

Inhalers

- C-4120 Evans', pocket glass.

Insufflators

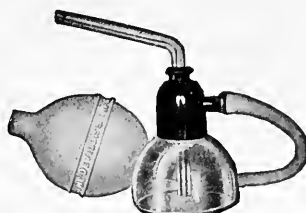
- C-4130 DeVilbiss' No. 36.
- C-4135 Scoop, hard rubber tube.

Syringes (see page 27)

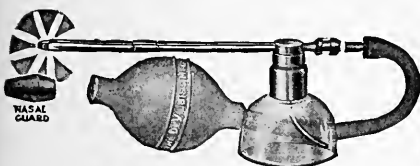
- *C-4140 Catarrhal, hard rubber, ½ ounce.
- *C-4141 Catarrhal, hard rubber, 1 ounce.



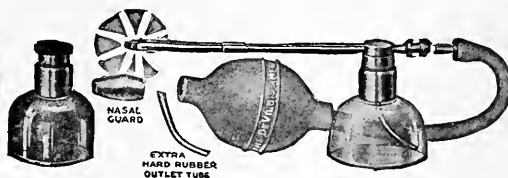
C-4150



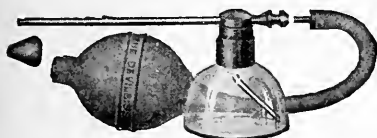
C-4152



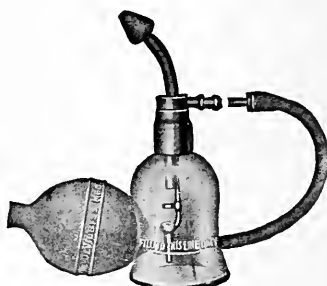
C-4153



C-4154



C-4155



C-4156

Nasal Instruments

Atomizers and Nebulizers, Hand

- C-4150 **DeVilbiss' No. 10**, nasal douche, throws heavy stream.
- C-4152 **DeVilbiss' No. 13**, all glass and hard rubber, for corrosive solutions.
- C-4153 **DeVilbiss' No. 15**, for oils or aqueous solutions.
- C-4154 **DeVilbiss' No. 16**, same as No. 15, but with hard rubber outlet tube for corrosive solutions; and extra bottle.
- C-4155 **DeVilbiss' No. 28**, will spray from any container; with hard rubber outlet tube for corrosive solutions.
- C-4156 **DeVilbiss' No. 49**, for nebulizing oils only for inhalation.

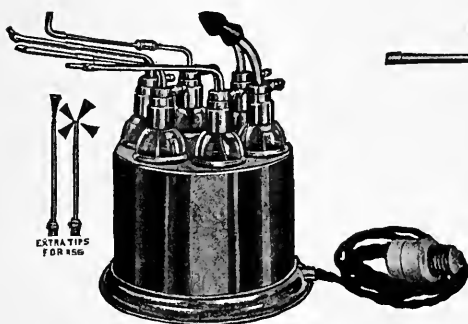
Complete booklet of DeVilbiss spray apparatus furnished on request.



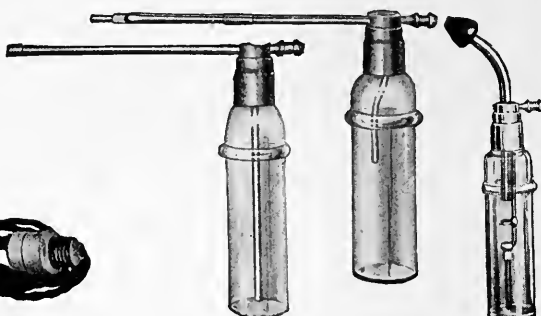
C-4175



C-4176



C-4177



C-4172

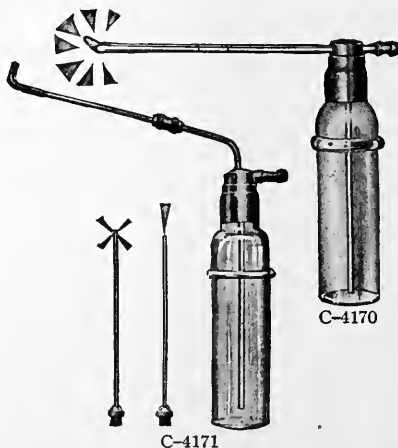
C-4173

C-4174

Nasal Instruments

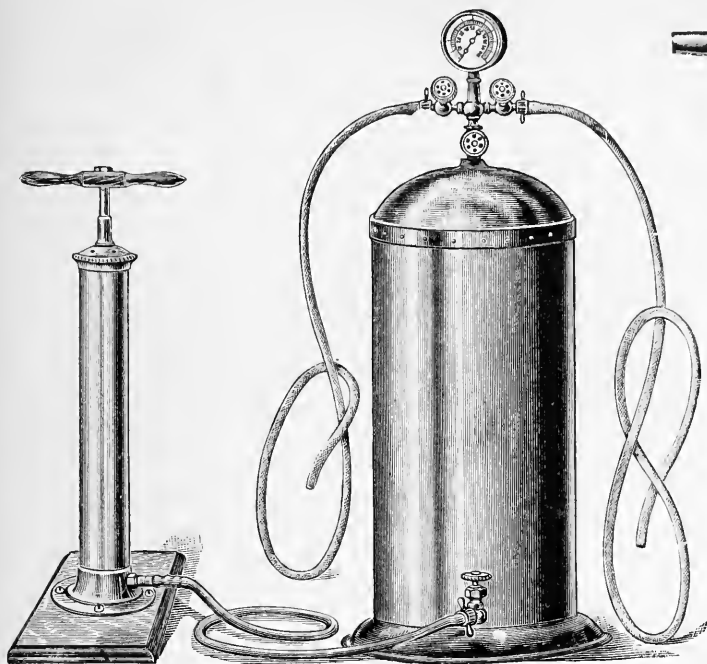
Atomizers and Nebulizers, Compressed Air

- C-4170 DeVilbiss' No. 52, for oils or aqueous solutions.
- C-4171 DeVilbiss' No. 56, for oils or aqueous solutions, with 3 tips.
- C-4172 DeVilbiss' No. 58, produces a very fine spray. For oils or aqueous solutions.
- C-4173 DeVilbiss' No. 73, powder insufflator.
- C-4174 DeVilbiss' No. 80, nebulizer, for oils only.
- C-4175 DeVilbiss' No. 528, set of 3, one each, Nos. 52, 73 and 80, in metal rack.
- C-4176 DeVilbiss' No. 527, set of 3, hard rubber, in metal rack.
- C-4177 DeVilbiss' No. 519, set of 6, in electric bulb heater rack, 2 each, Nos. 52 and 80, 1 each, Nos. 56 and 73; in ordering specify whether wanted for 110 or 220 voltage.

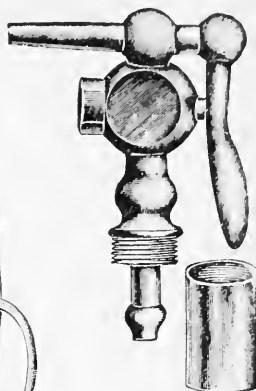


C-4171

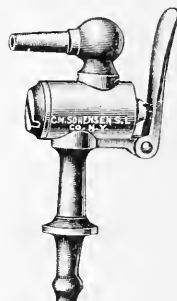
Complete booklet of DeVilbiss spray apparatus furnished on request.



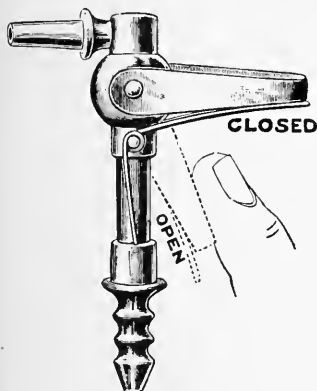
C-4190



C-4205



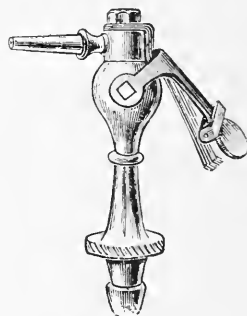
C-4210



C-4215



C-4200



C-4195

Compressed Air Outfits and Cut-offs

C-4190 Compressed Air Tank, with T-handle pump, set of 3 hard rubber atomizers, 4 feet of silk-covered tubing with cut-off, and 4 feet of linen-lined rubber tubing.

C-4195 Boekel's, improved cut-off, automatic.

C-4200 DeVilbiss', cut-off, automatic.

C-4205 Polyclinic, cut-off, automatic.

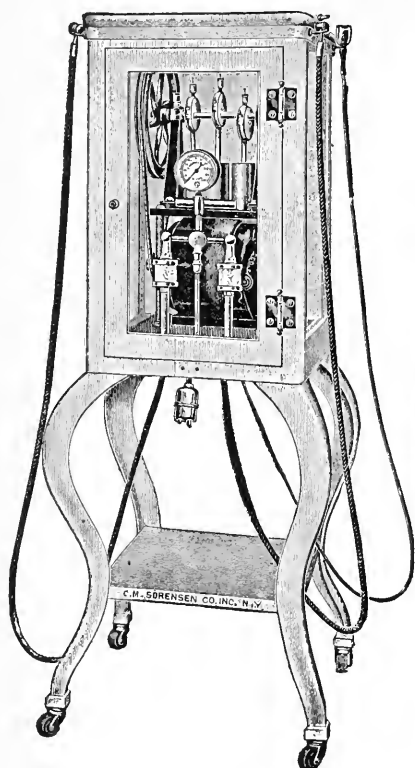
C-4210 Sorensen's, cut-off, automatic.

C-4215 Yankauer's, cut-off, automatic.

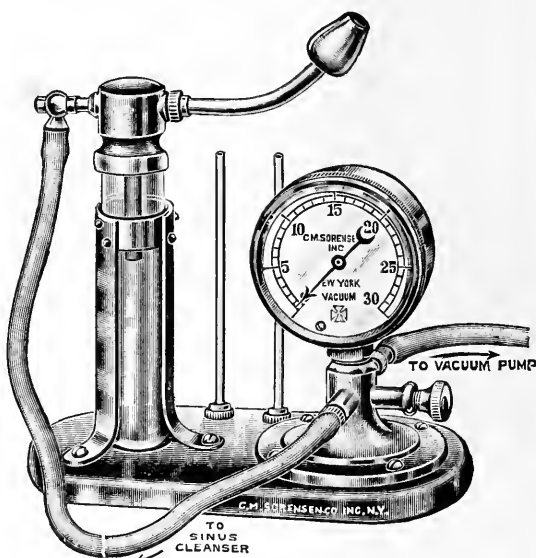
*C-4220 Air Pump, double cylinder, lever handle.

*C-4221 Air Pump, single cylinder, T-handle.

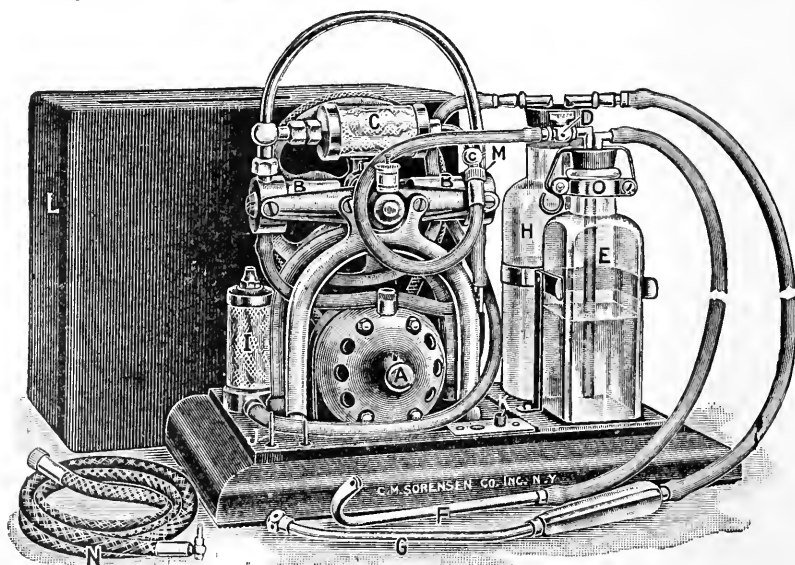
Tankless Air Compressors and Suction Apparatus



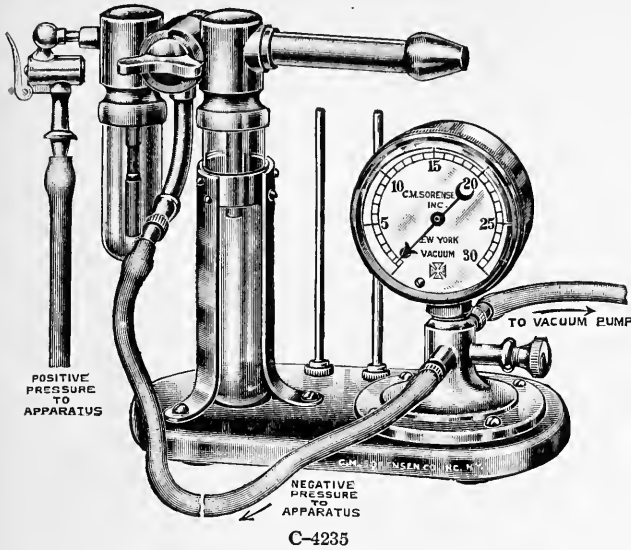
C-4230



C-4240

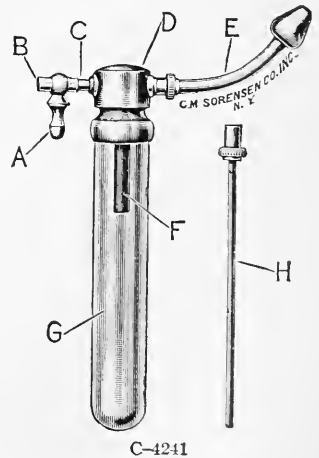
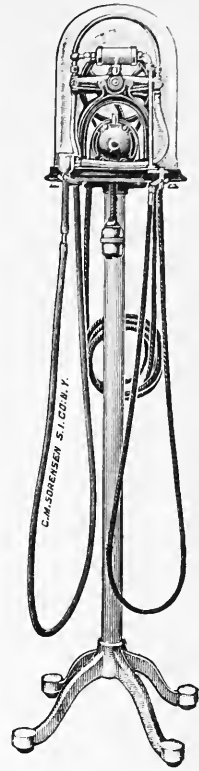


C-4245

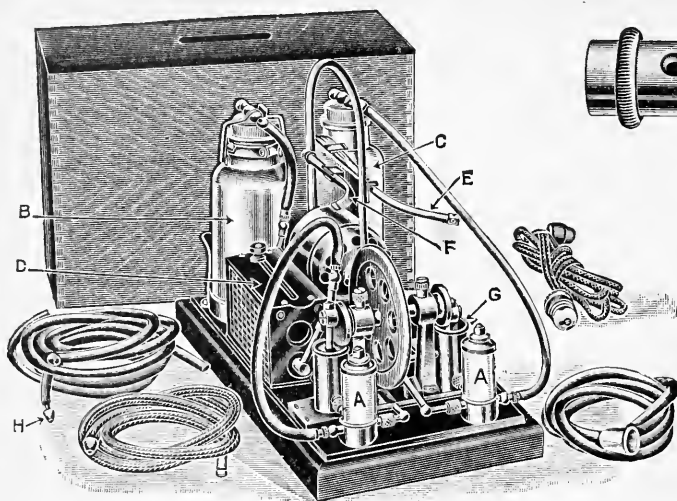


Tankless Air Compression and Suction Apparatus

- C-4230 **Sorensen's** No. 220, in white enamel steel cabinet, 47 inches high, 18 inches wide, net weight 60 pounds, shipping weight 105 pounds, for 110 volt D.C. and 110 volt, 60 cycle A. C. This outfit will give an instant pressure from zero to 50 pounds. It will maintain a steady, continuous pressure of 30 to 40 pounds. It consists of a 1-6 horse-power motor, a 3-cylinder eccentric pump with pressure gauge, two 5-foot silk-covered pressure tubes with cut-offs attached, 5-foot soft rubber tube with suction cup and suction release, one regulator and purifiers, cord and plug, ready for use.
- C-4231 **Sorensen's**, Midget, No. 50, on white enamel stand, complete as shown, height 48 inches, motors base 8½ inches, net weight 25 pounds, shipping weight 45 pounds; for 110 volt D.C. or 110 volt, 60 cycle A.C. This outfit will maintain a steady, continuous pressure from 10 to 15 pounds.
- C-4235 **Coffin's** Combination Positive and Negative Pressure Apparatus, for cleaning and treating the accessory cavities of the nose.
- C-4240 **Sorensen's** Vacuum Sinus Cleanser, on stand, with vacuum gauge.
- C-4241 **Sorensen's** Vacuum Sinus Cleanser, without stand and vacuum gauge.
- C-4245 **Yankauer's** Combination Pressure and Suction Outfit for 110 volt D.C., and 110 volt, 60 cycle A.C., complete as shown.

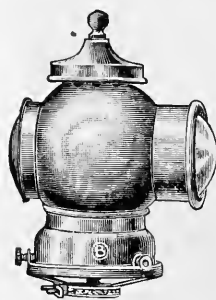


Complete illustrated booklet on Tankless Apparatus sent on request.

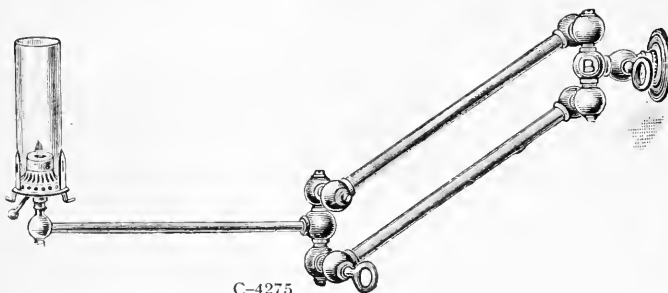


C-4250

C-4255



C-4265



C-4275

Tankless Air Compressors and Suction Apparatus

C-4250 **Steiner Aeroizer**, positive pressure and suction, hot air douche, **Biers'** hyperemia, aero-massage and anaesthetizing; this apparatus heats the ether vapor; the motor is universal for either 110 D.C., or 110 A.C., complete as shown.

C-4255 **Safety Valve Float**, for use with any tankless suction apparatus; prevents suction bottle from overflowing.

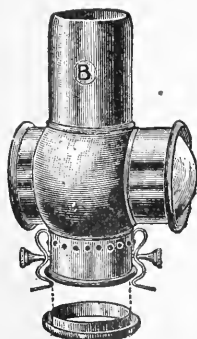
Brackets and Light Condensors

C-4260 **Coakley's**, electric light stand, complete with spiral filament lamp.

C-4265 Condensor, **Boeckel's**, improved, for Edison 16 c.p. lamp.

C-4270 Condensor, **McKenzie's**, for electric light Argand burner or students' lamp.

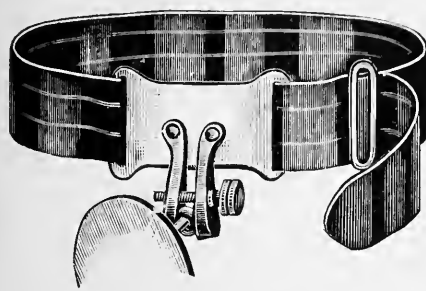
C-4275 **Extension Bracket**, 2 arm, polished brass or nickel-plated.



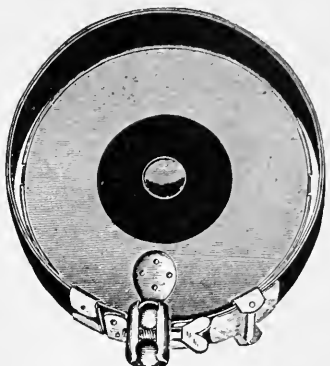
C-4270



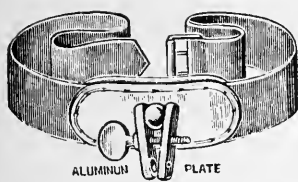
C-4260



C-4300



C-4305

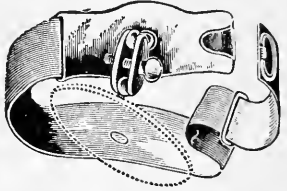


ALUMINUM PLATE

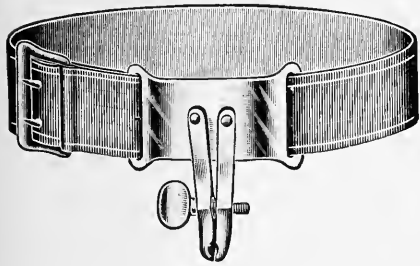
C-4310



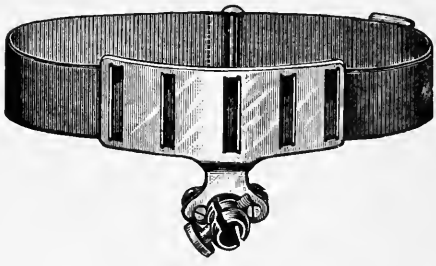
C-4335



C-4315



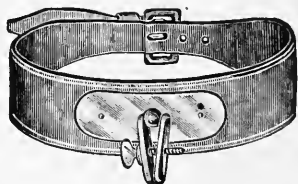
C-4325



C-4345

Head Bands

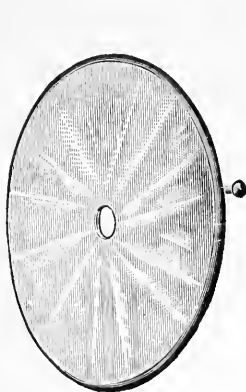
- C-4300 Bosworth's.
- C-4305 Fraenkel's, without mirror.
- C-4310 French's, with silk strap.
- C-4315 Gleason's, with leather strap.
- *C-4320 Haslam's, with nose rest.
- C-4325 Ivan's, webbing band.
- C-4330 Jefferson's, leather band.
- C-4335 Pynchon's, adjustable fibre.
- *C-4340 Pynchon's, metal front plate, hard rubber back, webbing band.
- C-4345 Schroetter's, with nose rest.
- C-4350 Worrall's, metal spring, plain.
- *C-4351 Worrall's, metal spring, folding.
- *C-4352 Worrall's, metal with cross spring.



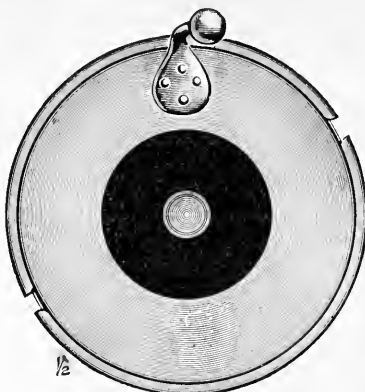
C-4330



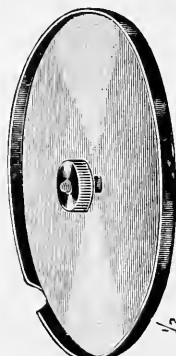
C-4350



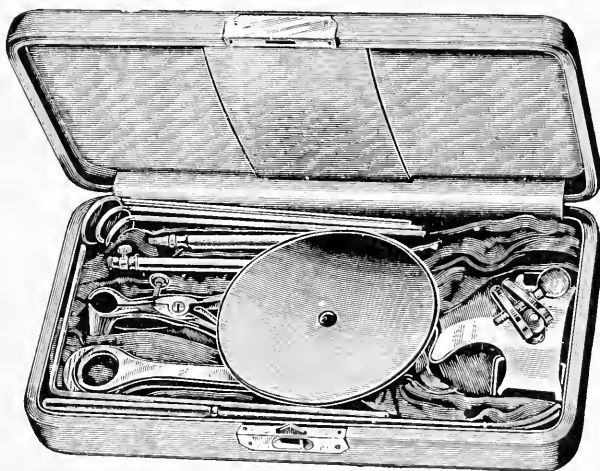
C-4375-76



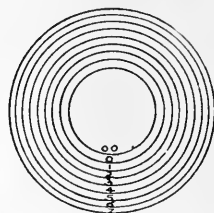
C-4380



C-4385



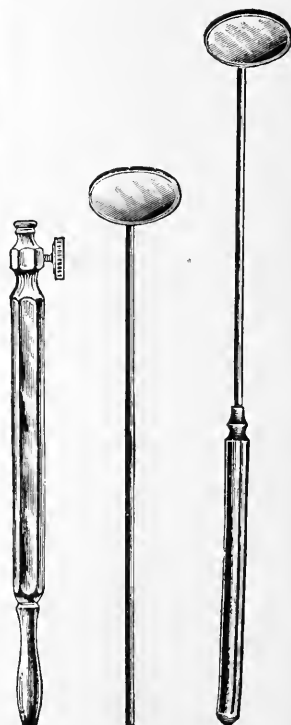
C-4400



Laryngeal Mirror Sizes

Head Mirrors and Laryngeal Mirrors

- C-4375 Head Mirrors, regular, small hole 3, 3½ and 4 inches.
- C-4376 Head Mirrors, regular, ½-inch hole, 3, 3½ and 4 inches.
- C-4380 Head Mirrors, **Fraenkel's**, aluminum back, with protectors, 3, 3½ and 4 inches.
- C-4385 Head Mirror Protectors, aluminum, 3, 3½ and 4 inches.
- C-4390 Laryngeal Mirrors, without handle, sizes 00 to 7, boilable.
- C-4391 Laryngeal Mirrors, with handle, sizes 00 to 7, boilable.
- C-4395 Universal Handle for laryngeal mirrors.
- C-4400 Laryngoscopic Set, complete in case.



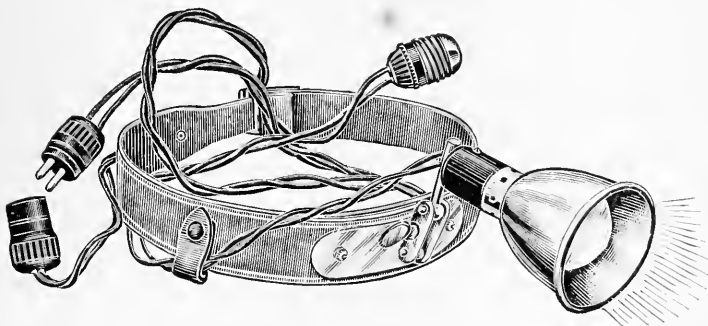
C-4395

C-4390

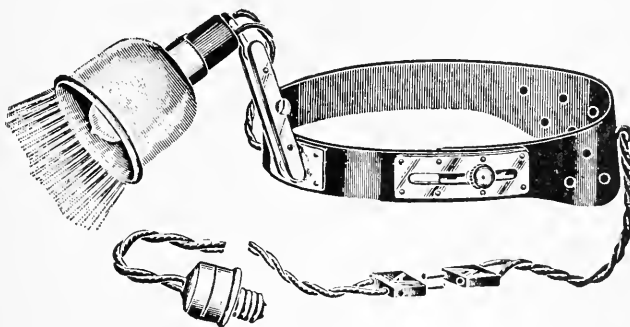
C-4391



C-4410



C-4415

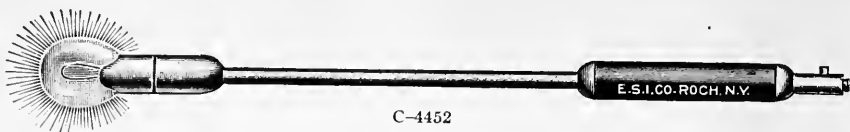


C-4420

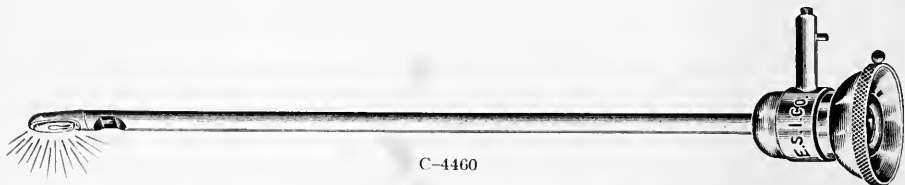
Nasal and Throat Instruments

Electric Headlights

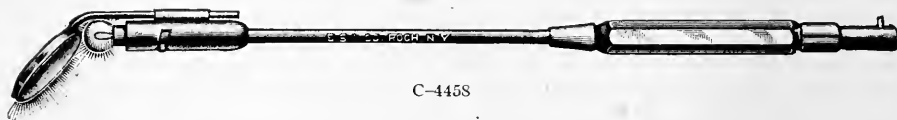
- C-4410 **E. S. I. Co.** Headlight, with focusing lens, used with current controller.
- C-4415 **Hood's** Headlight, with leather band and nitrogen lamp.
- C-4420 **Murphy's** Headlight, adjustable fibre band.
- *C-4421 **Murphy's** Headlight, with Worrall's spring headband.
- *C-4425 **Pynchon's** Headlight, with Worrall's spring headband.



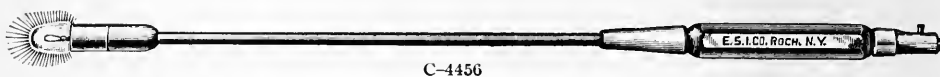
C-4452



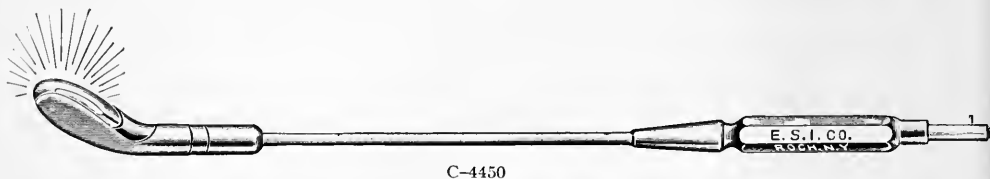
C-4460



C-4458



C-4456



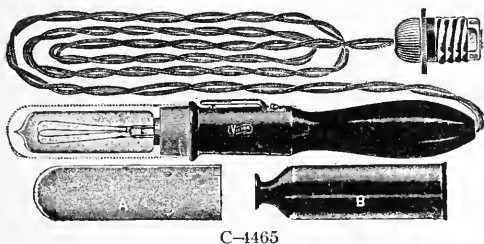
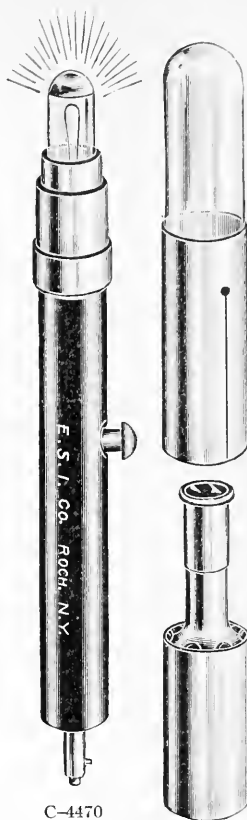
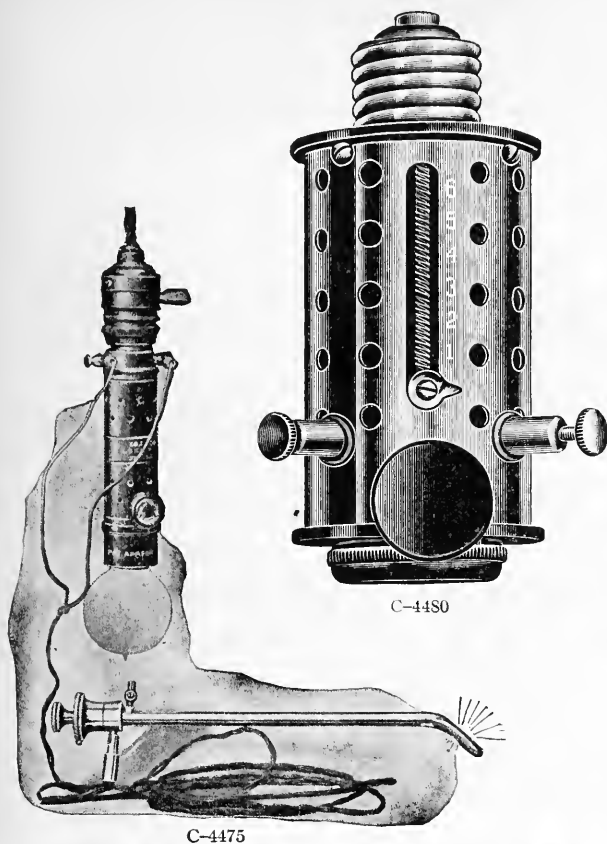
C-4450



C-4454

Electro Diagnostic Instruments

- C-4450 **Dowling** Antrum Illuminator, E. S. I. Co.
- *C-4451 Extra lamps for above. E. S. I. Co. No. 6.
- C-4452 **E. S. I. Co.** Antrum Illuminator.
- *C-4453 Extra lamps for above. E. S. I. Co. No. 17 (6 volts), No. 18 (10 volts).
- C-4454 **E. S. I. Co.** Frontal Sinus Illuminator.
- *C-4455 Extra lamps for above. E. S. I. Co. No. 14 (6 volts), No. 15 (10 volts).
- C-4456 **E. S. I. Co.** General Diagnostic Illuminator.
- *C-4457 Extra lamps for above. E. S. I. Co. No. 7.
- C-4458 **E. S. I. Co.** Laryngoscope and Mouth Lamp.
- *C-4459 Extra lamps for above. E. S. I. Co. No. 1.
- C-4460 **Holmes** Nasopharyngoscope, complete in metal case with cords and 1 extra lamp, **E. S. I. Co.**
- *C-4461 Extra lamps for the above, remounted. E. S. I. Co.

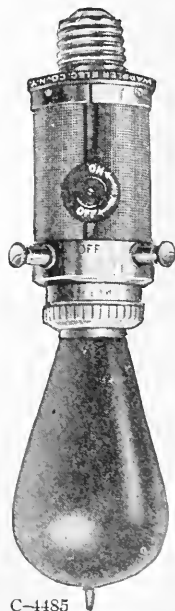


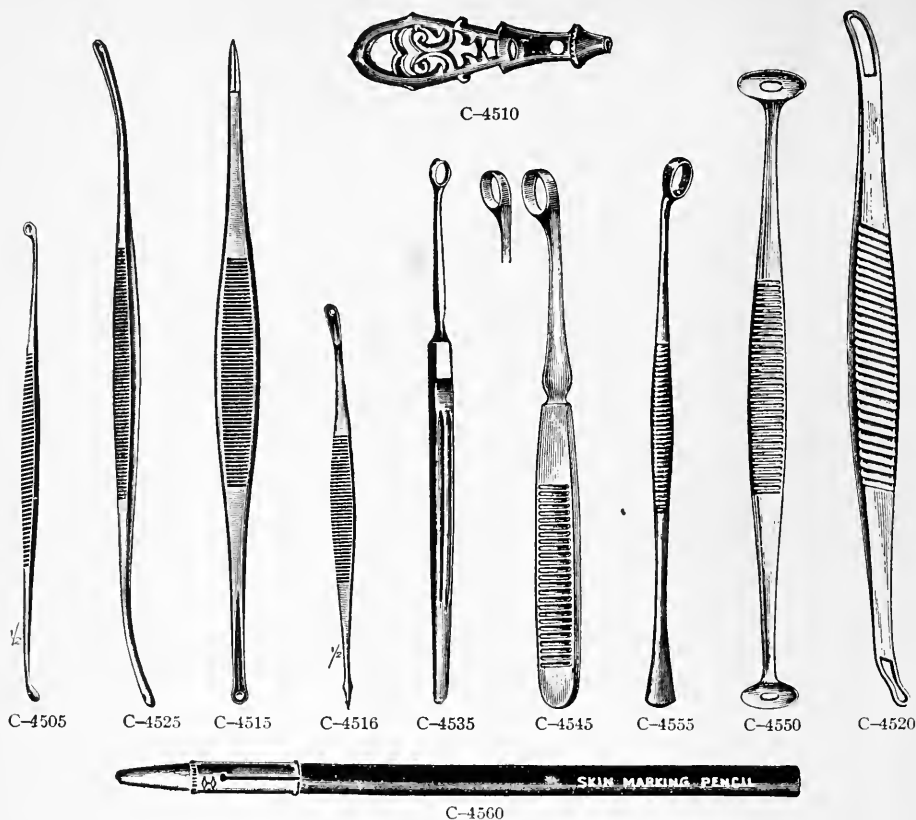
Electro Diagnostic Illuminators

- *C-4463 **Coakley's** Transilluminator.
- *C-4465 **Freer-Jackson's** Transilluminator.
- *C-4466 Extra lamps for above.
- *C-4470 **Sullivan's** Antrum and Frontal Sinus Illuminator, E. S. I. Co.
- *C-4471 Extra lamps for above. E. S. I. Co. No. 14 (6 volts), No. 15 (10 volts).

Socket Current Controller

- C-4475 **E. S. I. Co.**, complete with cords and lamp.
- *C-4476 **E. S. I. Co.**, without cords and lamp.
- C-4480 **Steiner's**, with lamp.
- *C-4485 **Wappler's**, with lamp.
- *C-4477 **E. S. I. Co.**, silk-covered cords, regular connection.
- *C-4478 **E. S. I. Co.**, silk-covered cords, with make and break connection.
- *C-4479 **E. S. I. Co.**, Tungsten battery.





Dermal Instruments

Comedo Extractors

- *C-4500 Jackson's, acne lancet.
- *C-4501 Jackson's, comedo expressor.
- C-4505 Martin's, double.
- C-4510 Piffard's.
- C-4515 Saalfield's, with acne lancet.
- C-4516 Saalfield's, short, with acne lancet.
- C-4520 Schamberg's, illustration full size.
- C-4525 Unna's, double.

Dermal Curettes

- C-4535 Fox's.
- C-4536 Fox's, with acne lancet.
- *C-4540 Hebra's.
- C-4545 Piffard's.
- C-4550 Stelwagon's, 2 sizes of long oval spoons.
- C-4555 Wright's.

Pencil

- C-4560 Dermatograph, with metal protecting cap, blue or red.

Punch

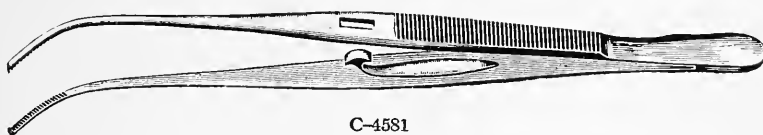
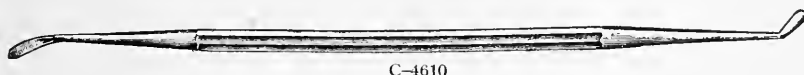
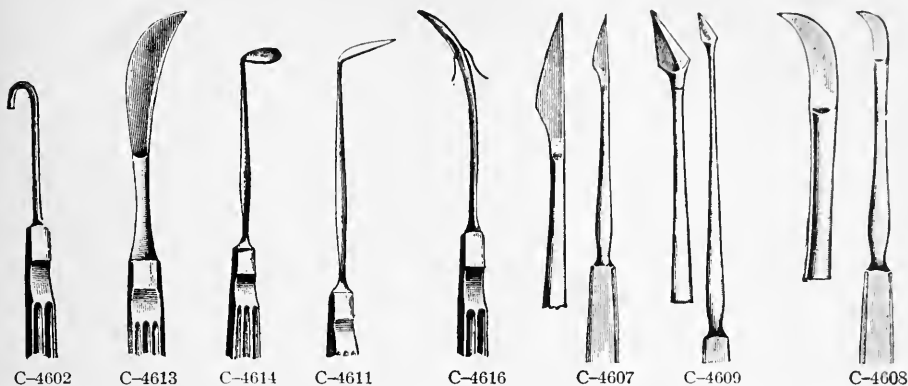
- C-4565 Keyes', cutaneous, sizes 2 to 7 mm. For eradicating powder marks, moles, etc.



C-4536

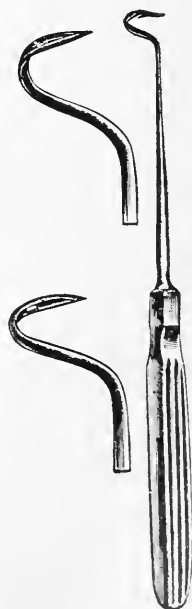


C-4565



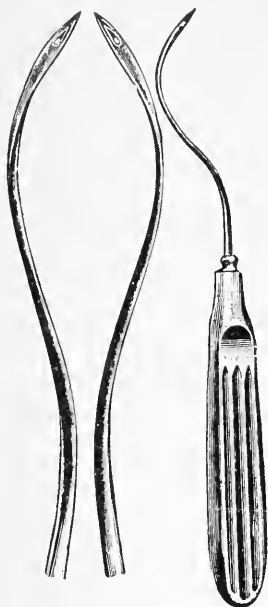
Staphylorrhaphy Instruments

- *C-4575 Forceps, tissue, straight, 1 x 2, 3 x 4, 4 x 5 teeth.
- *C-4576 Forceps, tissue, curved, 1 x 2, 3 x 4, 4 x 5 teeth.
- C-4580 Forceps, tissue, **Brophy's**, straight.
- C-4581 Forceps, tissue, **Brophy's**, curved.
- *C-4583 Forceps, plain, **Brophy's**, straight, serrated points, 6½ inches.
- *C-4585 Forceps, tongue, London pattern.
- *C-4590 Forceps, **Brophy's**, wire twisting.
- *C-4595 Forceps, **Walcher's**, suture removing.
- *C-4600 Hook, **Brophy's**, ligature.
- *C-4601 Hook, **Langenbeck's**, sharp.
- C-4602 Hook, **Updegraff's**, curved, sharp.
- *C-4605 Knife, **Brophy's**, straight scalpel, long shank.
- *C-4606 Knife, **Brophy's**, double edged.
- C-4607 Knife, **Brophy's**, straight back, very thin,
- C-4608 Knife, **Brophy's**, curved bistoury.
- C-4609 Knife, **Brophy's**, angular, double edged.
- C-4610 Knife, **Crile's**.
- C-4611 Knife, paring.
- *C-4612 Knife, **Updegraff's**, curved, sharp.
- C-4613 Knife, **Whitehead's**, gum.
- C-4614 Knife, **Whitehead's**, hoe shape.
- C-4615 Needle, **Deschamps's**, right and left, sharp.
- C-4616 Needle, **Updegraff's**, half curved.
- *C-4617 Needle, **Updegraff's**, full curved.



C-4580

C-4615



C-4618



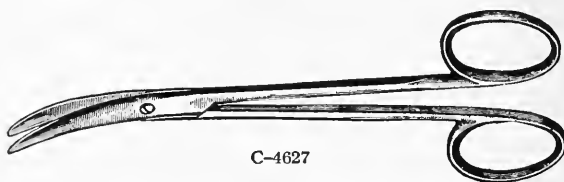
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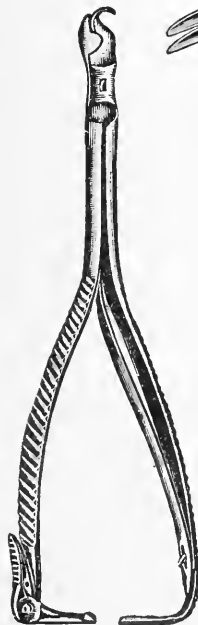
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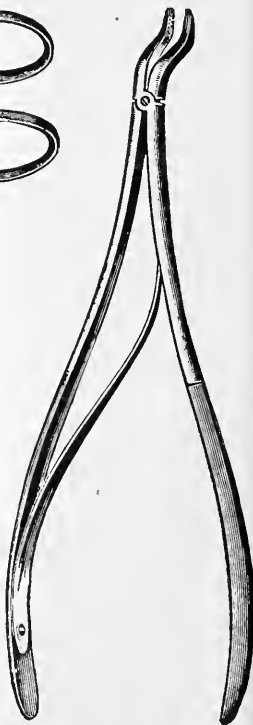
C-4623



C-4627



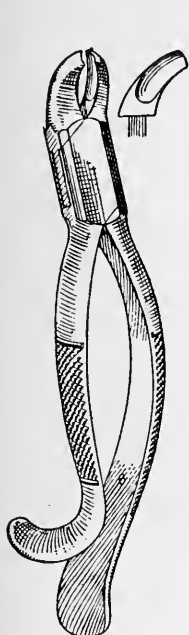
C-4620



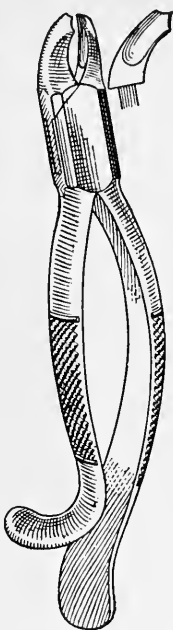
C-4621

Staphylorrhaphy Instruments

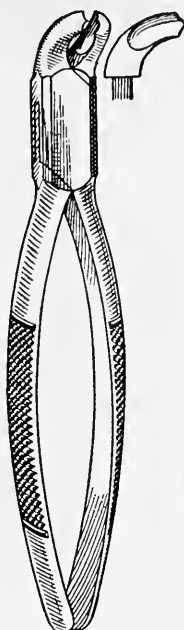
- C-4618 Needle, **Brophy's**, bone, right and left.
- *C-4619 Needle, **Whitehead's**, spiral.
- C-4620 Needle Holder, **Brophy's**,
- C-4621 Needle Holder, **Von Eiselberg's**.
- C-4622 Pereostotome, **Brophy's**, right angle, narrow and wide.
- C-4623 Pereostotome, **Brophy's**, acute angle, narrow and wide.
- *C-4624 Plates, lead, **Brophy's**, 2 thicknesses (operation requires 6).
- *C-4625 Punch, **Brophy's**, for lead plates.
- C-4626 Scarifiers, **Brophy's**, right and left.
- C-4627 Scissors, **Brophy's**, gum, $5\frac{3}{4}$ inches.
- *C-4628 Scissors, **Brophy's**, wire cutting.
- *C-4629 Shield with nipple, for nursing bottle.
- *C-4630 Shield, breast, for cleft palate babies.
- *C-4631 Speculum, **Brophy's**, oval, set of 4 sizes.



C-4653



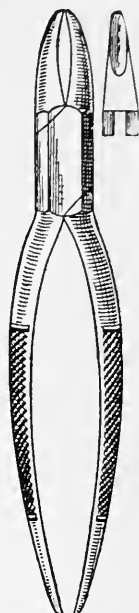
C-4654



C-4656



C-4657



C-4662

Dental Forceps



C-4663

*C-4650 Incisor Forceps, curved, lower, No. 14.

*C-4651 Incisor Forceps, upper, No. 13.

*C-4652 Molar Forceps, upper or universal, No. 8.

C-4653 Molar Forceps, upper or universal, curved handles, No. 24.

C-4654 Molar Forceps, upper, right, No. 18 R.

*C-4655 Molar Forceps, upper, left, No. 18 L.

C-4656 Molar Forceps, lower, either side, beaked jaw, No. 17.

C-4657 Molar Forceps, lower, either side, plain jaw, No. 27.

*C-4658 Molar Forceps, lower, right, No. 28 R.

*C-4659 Molar Forceps, lower, left, No. 28 L.

*C-4660 Root Extractors or Elevators, ebony handle, 12 styles.

*C-4661 Root Extractors or Elevators, metal handle, 12 styles.

C-4662 Root Forceps, straight, No. 1.

*C-4663 Root Forceps, half curved, upper, No. 2.

*C-4664 Root Forceps, full curved, lower, No. 3.

C-4665 Root Forceps, upper, universal, No. 7.

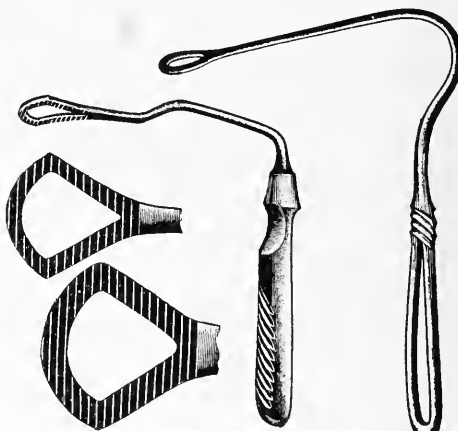
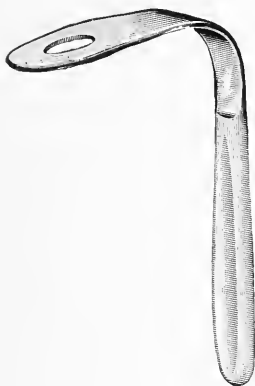
C-4666 Root Forceps, upper back, bayonet, No. 35



C-4666



C-4685



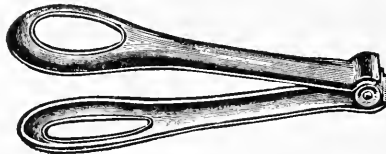
C-4720



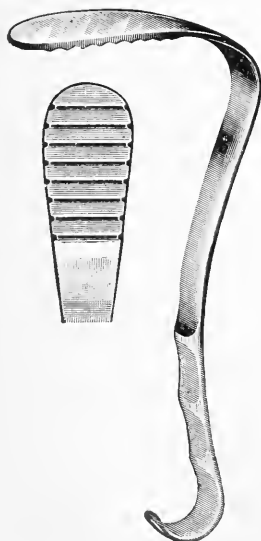
C-4698



C-4690



C-4700

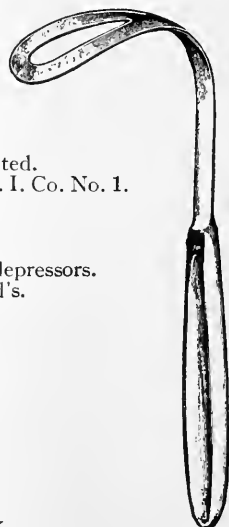


C-4710

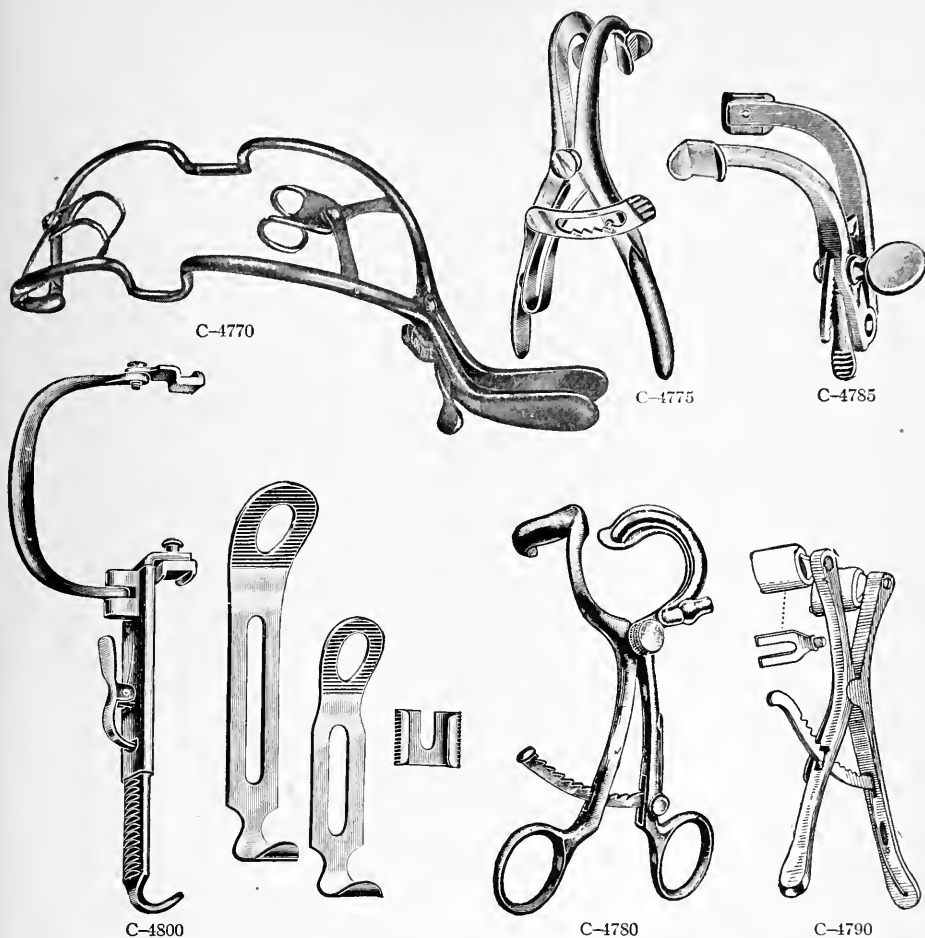
Oral Instruments

Tongue Depressors

- *C-4680 Andrew's, steel.
- C-4685 Bosworth's.
- C-4690 E. S. I. Co., electrically lighted.
- *C-4691 Extra lamps for above. E. S. I. Co. No. 1.
- C-4695 Farlow's, forged steel.
- C-4698 Fraenkel's.
- C-4700 Folding, double fenestrated.
- *C-4705 Haslam's handle for wood depressors.
- C-4710 Hamilton's, adult and child's.
- *C-4715 Jackson's.
- *C-4718 Kyle's.
- C-4720 Layman's, 2 sizes.
- *C-4725 Pierce's, steel.
- *C-4730 Pyncheon-Andrews', latest.
- *C-4735 Sass', plain.
- *C-4740 Sass', fenestrated.
- *C-4745 Sawyer's.
- *C-4750 Snowden's, folding.
- *C-4755 Wire, folding.
- *C-4760 Wood Depressors, 500 in box.



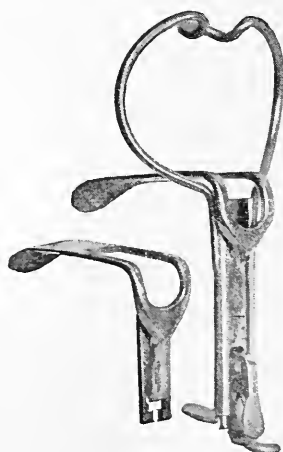
C-4695



Throat Instruments

Mouth Gags (see also page 61)

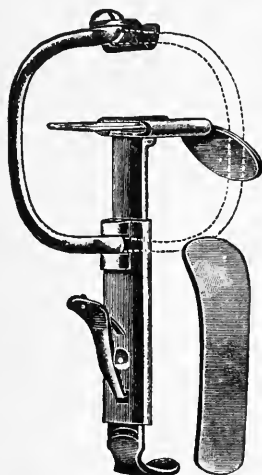
- *C-4765 **Alter-Jenning's.**
- C-4770 **Dann-Jenning's, with cheek retractors, 2 sizes.**
- C-4775 **Denhardt's, steel.**
- *C-4776 **Denhardt's, with anaesthesia tubes.**
- C-4780 **Doyen's, with anaesthesia tubes.**
- *C-4781 **Doyen's, plain.**
- C-4785 **Ferguson's, steel.**
- *C-4786 **Ferguson-Gwathmey's, with anaesthesia tubes.**
- C-4790 **French's, steel.**
- C-4795 **Forgrave's, new.**
- C-4800 **Green-Martin's, latest.**



C-4795



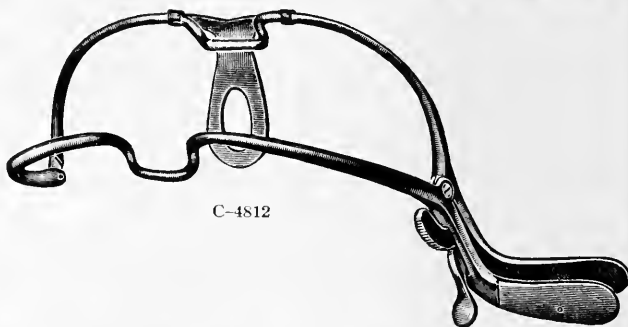
C-4820



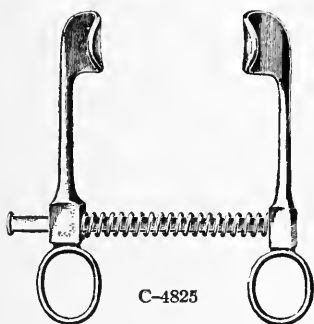
C-4805



C-4810



C-4812



C-4825



C-4830

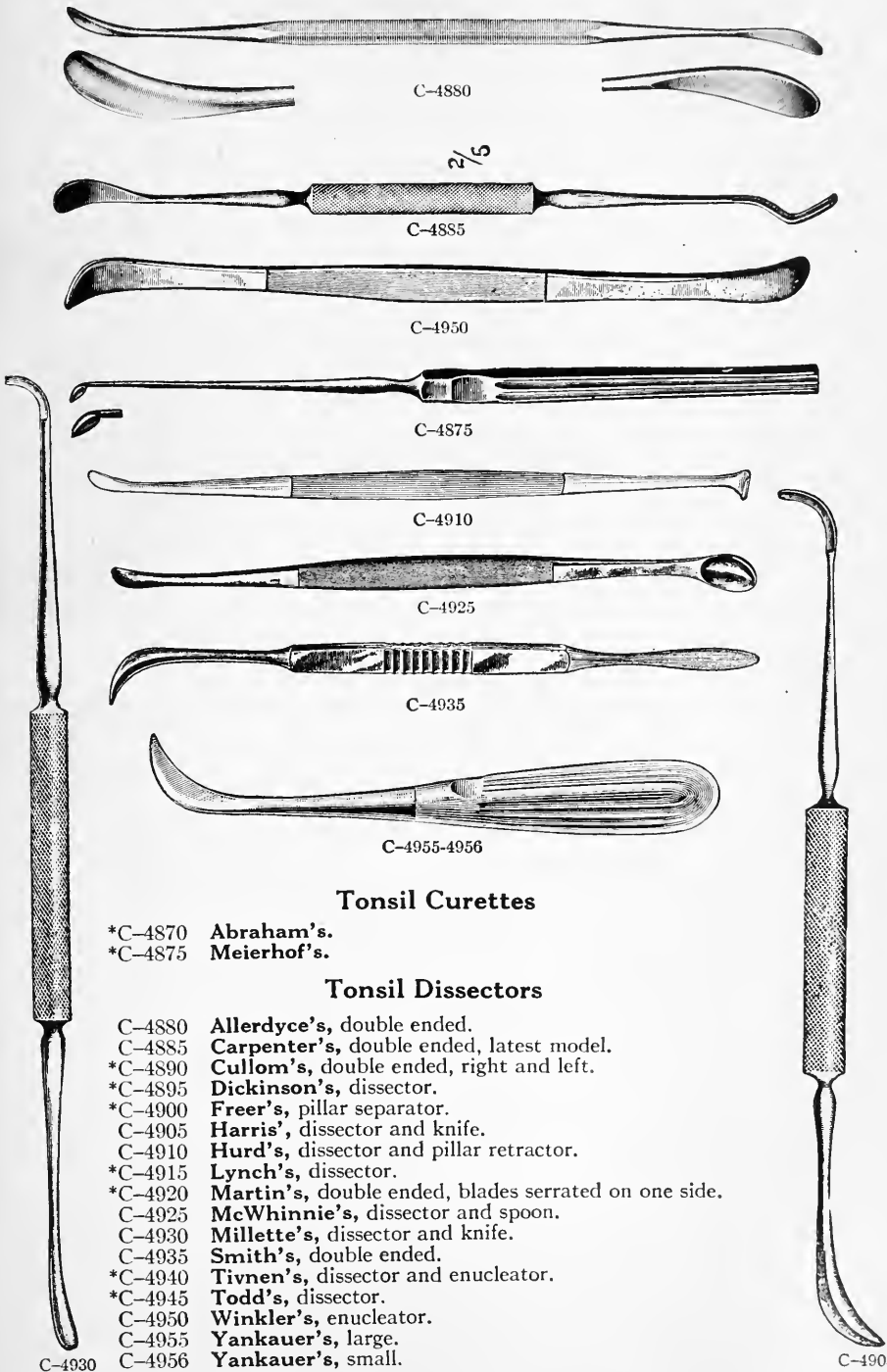
Throat Instruments

Mouth Gags (see also page 61)

- | | | | |
|---------|--|---------|--|
| C-4805 | Green-Sewall's , with two tongue depressors. | *C-4815 | Murdoch's , steel. |
| *C-4806 | Green-Sewall's , depressor with anaesthesia tube. | C-4820 | Oral screw, hard rubber. |
| C-4810 | Jenning's , 2 sizes. | C-4825 | Stubb's , steel. |
| *C-4811 | Jenning's , with anaesthesia tube, 2 sizes. | C-4830 | Whitehead's , plain, 2 sizes. |
| C-4812 | Jenning's , with tongue depressor, 2 sizes. | *C-4831 | Whitehead's , with tongue depressor, 2 sizes. |
| | | *C-4832 | Whitehead's , with handles at both ends. |

Uvula Retractors and Scissors

- | | | | |
|---------|--------------------------|---------|--|
| *C-4840 | Hind's Retractor. | *C-4850 | White's Self-retaining Retractor. |
| *C-4845 | Roe's Retractor. | *C-4855 | Wood's Uvula Scissors. |



Tonsil Curettes

- *C-4870 Abraham's.
- *C-4875 Meierhof's.

Tonsil Dissectors

- C-4880 Allerdyc'e's, double ended.
- C-4885 Carpenter's, double ended, latest model.
- *C-4890 Cullom's, double ended, right and left.
- *C-4895 Dickinson's, dissector.
- *C-4900 Freer's, pillar separator.
- C-4905 Harris', dissector and knife.
- C-4910 Hurd's, dissector and pillar retractor.
- *C-4915 Lynch's, dissector.
- *C-4920 Martin's, double ended, blades serrated on one side.
- C-4925 McWhinnie's, dissector and spoon.
- C-4930 Millette's, dissector and knife.
- C-4935 Smith's, double ended.
- *C-4940 Tivnen's, dissector and enucleator.
- *C-4945 Todd's, dissector.
- C-4950 Winkler's, enucleator.
- C-4955 Yankauer's, large.
- C-4956 Yankauer's, small.



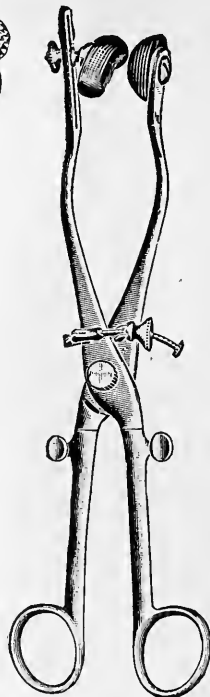
C-4975



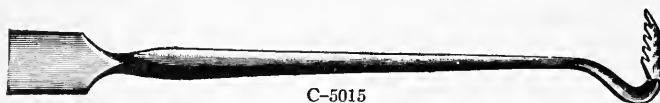
C-4980



C-5000



C-4995



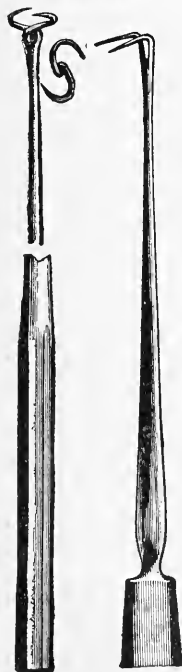
C-5015

Tonsil Haemostats

- *C-4970 **Beck's**, with inner blade arranged to hold gauze pad.
- C-4975 **Boettcher's**.
- C-4980 **Corwin's**, with spring clamps to hold gauze pad.
- *C-4985 **Cullom's**, with clamp to hold gauze pad on inner blade.
- *C-4990 **Good's**, self-adjustable.
- C-4995 **Mickulicz-Stoerck's**.
- C-5000 **Tivnen's**, pad of aluminum.

Tonsil Hooks

- C-5005 **Boettcher's**, double.
- C-5010 **Carter's**, tenaculum.
- C-5015 **Dickinson's**, retractor.
- *C-5020 **Dickinson's**, tenaculum, 3 prong.
- *C-5025 **Jackson's**, slitter.
- *C-5030 **Lewis's**, screw.
- *C-5035 **Pierce's**, tonsil hook.
- *C-5040 Plain, single, sharp.
- *C-5045 Plain, single, blunt.
- *C-5046 Plain, double, sharp.
- *C-5050 **Pond's**, dissecting.
- C-5055 **Schmidt's**, splitter, bent on flat.
- C-5056 **Schmidt's**, splitter, bent on edge.



C-5010



C-5005



C-5055



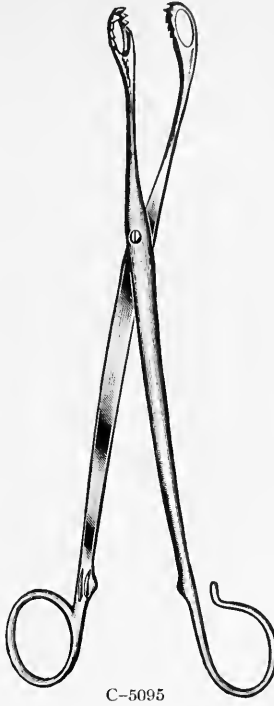
C-5056



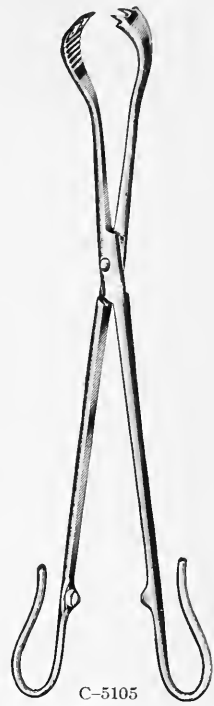
C-5075



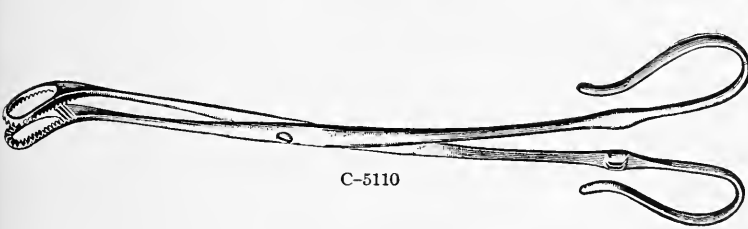
C-5081



C-5095



C-5105



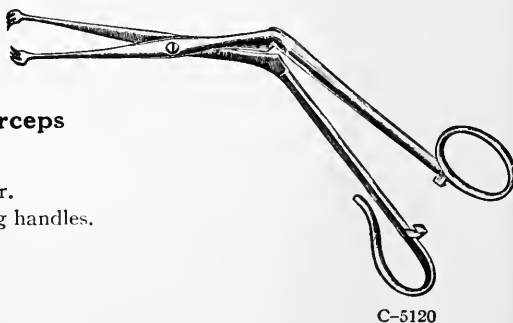
C-5110

Tonsil Forceps

- *C-5070 Abraham's.
- *C-5075 Andrews', 2 closed rings.
- C-5076 Andrews', 1 open ring.
- *C-5080 Ballenger's, 2 closed rings.
- C-5081 Ballenger's, 1 open ring.
- *C-5085 Casselberry's, 1 open ring.
- *C-5090 Cullom's.
- C-5095 Eve's.
- C-5105 Lynch's, 2 open rings.
- C-5110 Royce's, seizing.
- *C-5111 Royce's, haemostat and sponge holding.
- C-5100 Kean's, new.



C-5100



Tonsil Forceps

- C-5115 Lerche's.
- C-5120 Tiunen's, angular.
- *C-5125 Pyncheon's, spring handles.
- C-5130 Richard's.
- C-5135 Robertson's.
- C-5140 Swan's.
- C-5145 Todd's.
- C-5150 White's.
- C-5155 Yankauer's.

C-5120

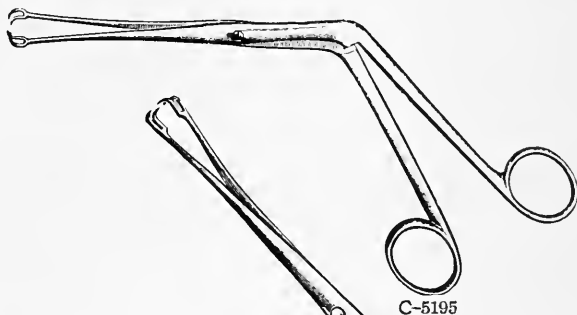


C-5160

C-5185

C-5180

C-5175

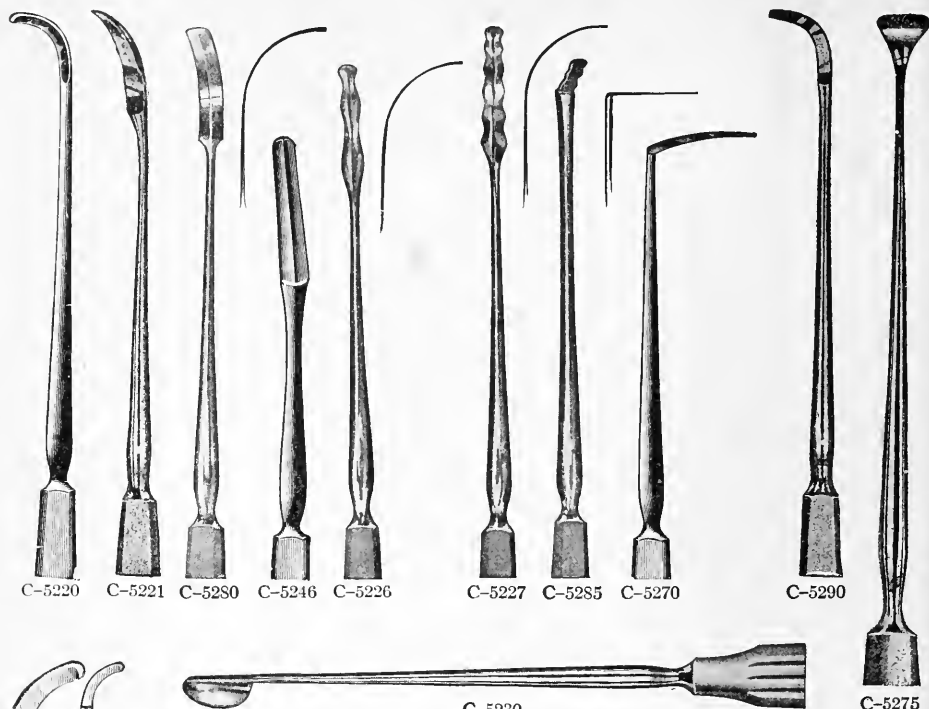


C-5195

C-5201

Tonsil Forceps

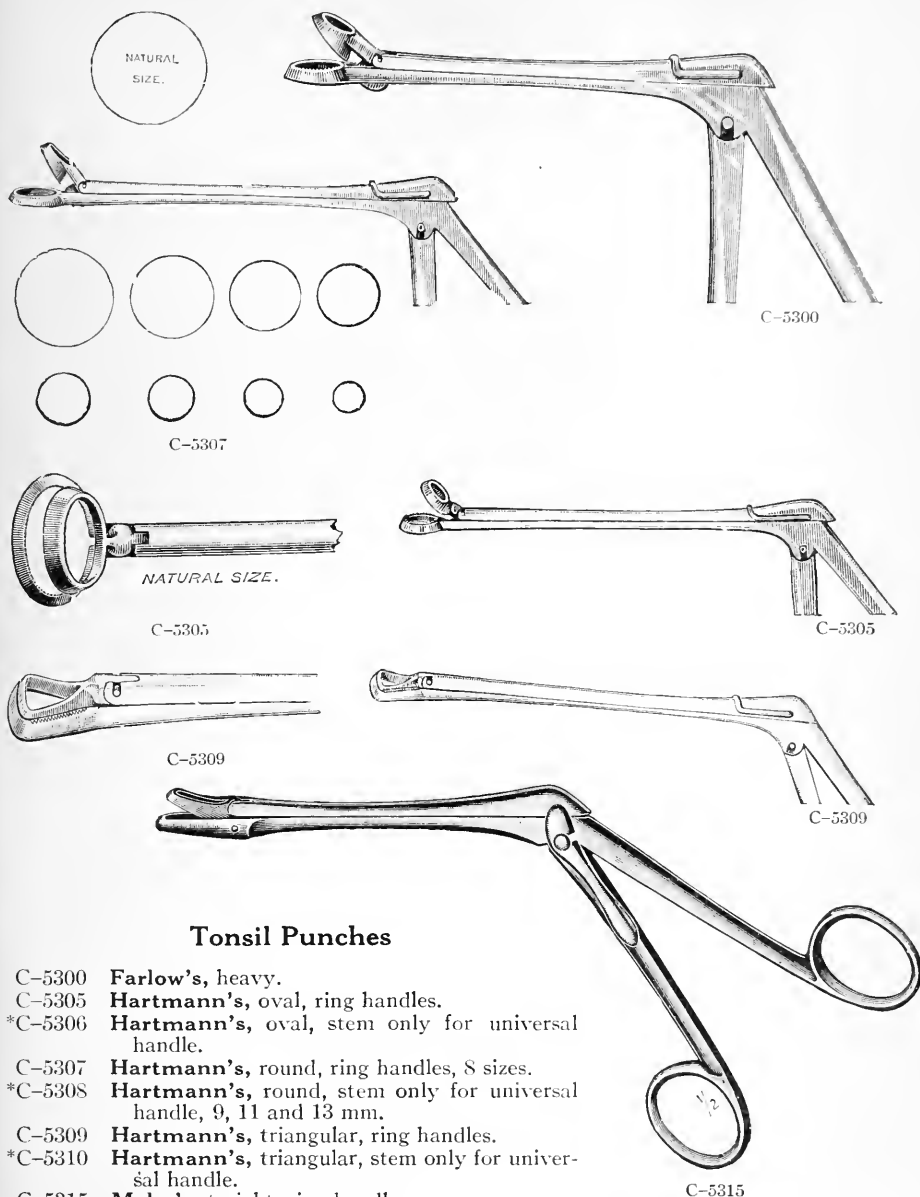
- C-5160 **Ballenger's**, sponge holding, 7 inches.
- *C-5165 **Boettcher's**, angular, seizing.
- *C-5170 **Howe's**, tonsil haemostat.
- C-5175 **Mickulicz-Pierce's** tonsil haemostat or seizing.
- C-5180 **Sawtelle's** tonsil haemostat.
- C-5185 **Schmidt's**, tonsil haemostat.
- *C-5190 **Moraweck's**, tonsil seizing.
- C-5195 **Tyding's**, tonsil seizing.
- *C-5200 **Watson's**, tonsil seizing, with catch.
- C-5201 **Watson's**, tonsil seizing, without catch.



Tonsil Knives

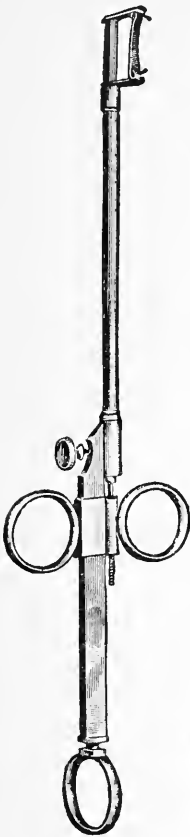
- C-5220 Abraham's.
 C-5221 Abraham's, curved, double edge.
 *C-5225 Allport's, curved, single wave edge.
 C-5226 Allport's, curved, triple wave edge.
 C-5227 Allport's, curved, quadruple wave edge.
 C-5230 Ballenger's, pillar, large and small.
 *C-5235 Beck's, scalpel.
 *C-5240 Bistoury, curved, probe pointed.
 *C-5245 Dean's, straight, double edge.
 C-5246 Dean's, angled on flat, double edge.
 C-5250 Douglass'.
 C-5255 Freer's, curved, right and left.
 *C-5256 Freer's, pillar, angled on flat, large, $9\frac{1}{2}$ inches long.
 *C-5257 Freer's, pillar, angled on flat, narrow.
 C-5260 Kyle's, crypta.
 C-5265 Lothrop's, double.
 C-5270 Leland's, right and left.
 C-5275 Pierce's, dissecting, curved, small and large.
 C-5280 Robertson's, curved, double edge.
 C-5285 Swan's, right angled, wave edge.
 *C-5286 Swan's, curved, wave edge.
 C-5290 Tyding's, curved on edge.



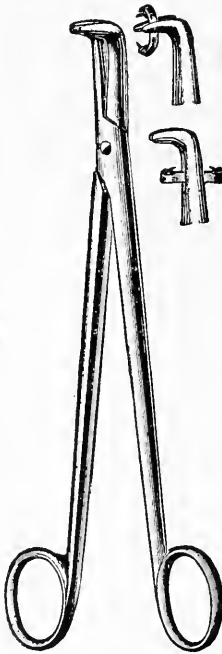


Tonsil Punches

- C-5300 **Farlow's**, heavy.
- C-5305 **Hartmann's**, oval, ring handles.
- *C-5306 **Hartmann's**, oval, stem only for universal handle.
- C-5307 **Hartmann's**, round, ring handles, 8 sizes.
- *C-5308 **Hartmann's**, round, stem only for universal handle, 9, 11 and 13 mm.
- C-5309 **Hartmann's**, triangular, ring handles.
- *C-5310 **Hartmann's**, triangular, stem only for universal handle.
- C-5315 **Myles'**, straight, ring handles.
- *C-5316 **Myles'**, straight, stem only for universal handle.
- *C-5317 **Myles'**, right and left, ring handles.
- *C-5318 **Myles'**, right and left, stem only for universal handle.
- *C-5320 **Rhodes'**.
- *C-5325 **Robert's**, latest, with claws, small and large.
- *C-5326 **Robert's**, latest, with claws, stem only for universal handle, large and small.
- *C-5330 **Rualt's**, with large blade cutting up or cutting down.
- *C-5335 Universal handle to fit above stems.



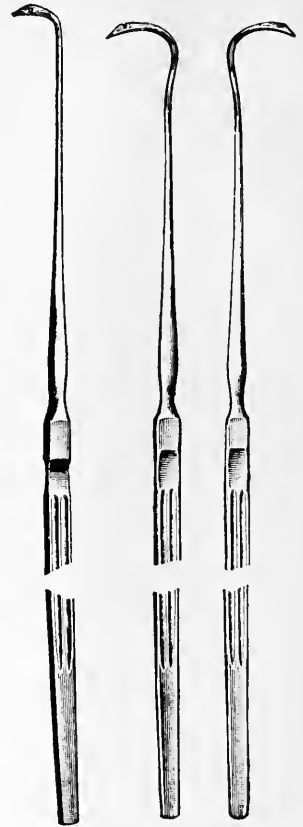
C-5365



C-5370



C-5355



C-5375

C-5376

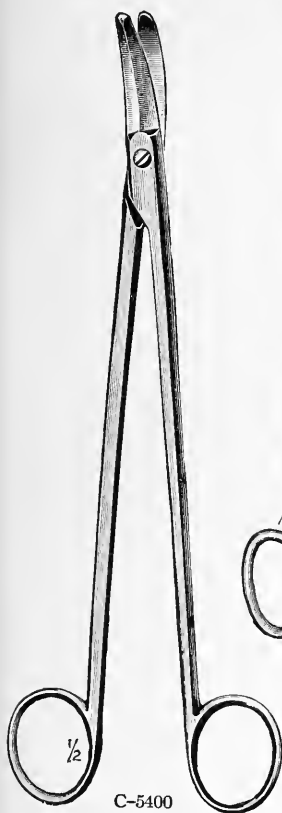
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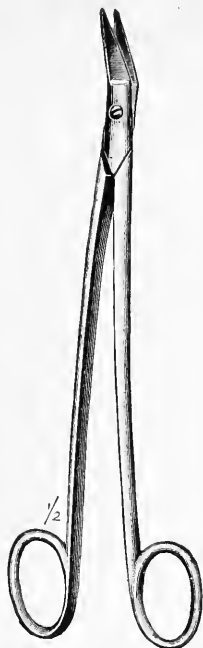
C-5380

Tonsil Suture Instruments

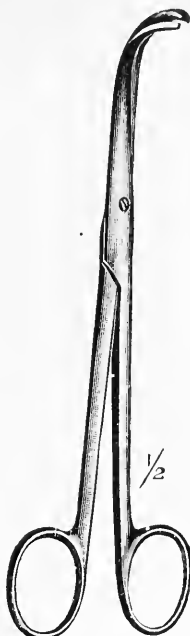
- C-5350 Applicator, for applying **Michel's** sutures.
- C-5355 Remover, for removing **Michel's** sutures.
- *C-5360 Universal Handle, fitting above blades.
- C-5365 Applicator, **Wagner's**, for applying **Michel's** sutures.
- C-5370 Forceps, **Wagner's**, for removing **Michel's** sutures.
- C-5375 Needle, **Durham's**, right angled.
- C-5376 Needle, **Durham's**, curved to right.
- C-5377 Needle, **Durham's**, curved to left.
- C-5380 Needles, **MacCuen Smith's**.
- *C-5385 Needles, **McReynold's**, full curved.
- *C-5386 Needle Holder, **McReynold's**.



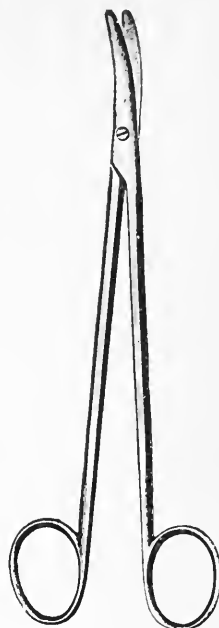
C-5400



C-5405



C-5415



C-5430

Tonsil Scissors

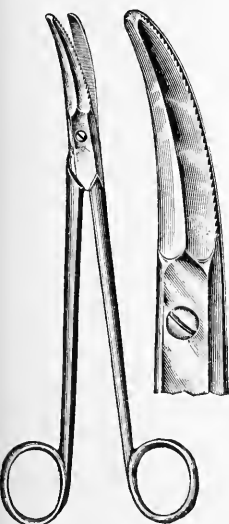
- C-5400 **Boetcher's**, curved on flat.
- *C-5402 **Craig's**.
- C-5405 **Dean's**.
- *C-5410 **Good's**, latest serrated handles.
- C-5415 **Griffin's**, curved on flat, correct model.
- *C-5420 **Kirkpatrick's**, curved to right, serrated edge.
- *C-5421 **Kirkpatrick's**, curved to left, serrated edge.
- *C-5425 **MacLay's**, latest.
- C-5430 **Metzenbaum's**, 7 inches.
- C-5440 **Prince's**, curved on flat.
- *C-5445 **Robertson's**, curved to right.
- *C-5446 **Robertson's**, curved to left.
- *C-5450 **Windle's**.
- C-5455 **Yankauer's**, curved on flat, serrated edge.

Tonsil Suction Apparatus

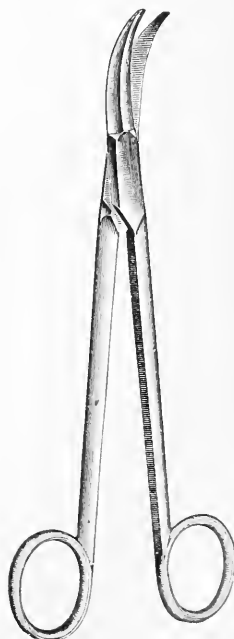
- *C-5465 **Muck's**.

Tonsil Syringes and Needles

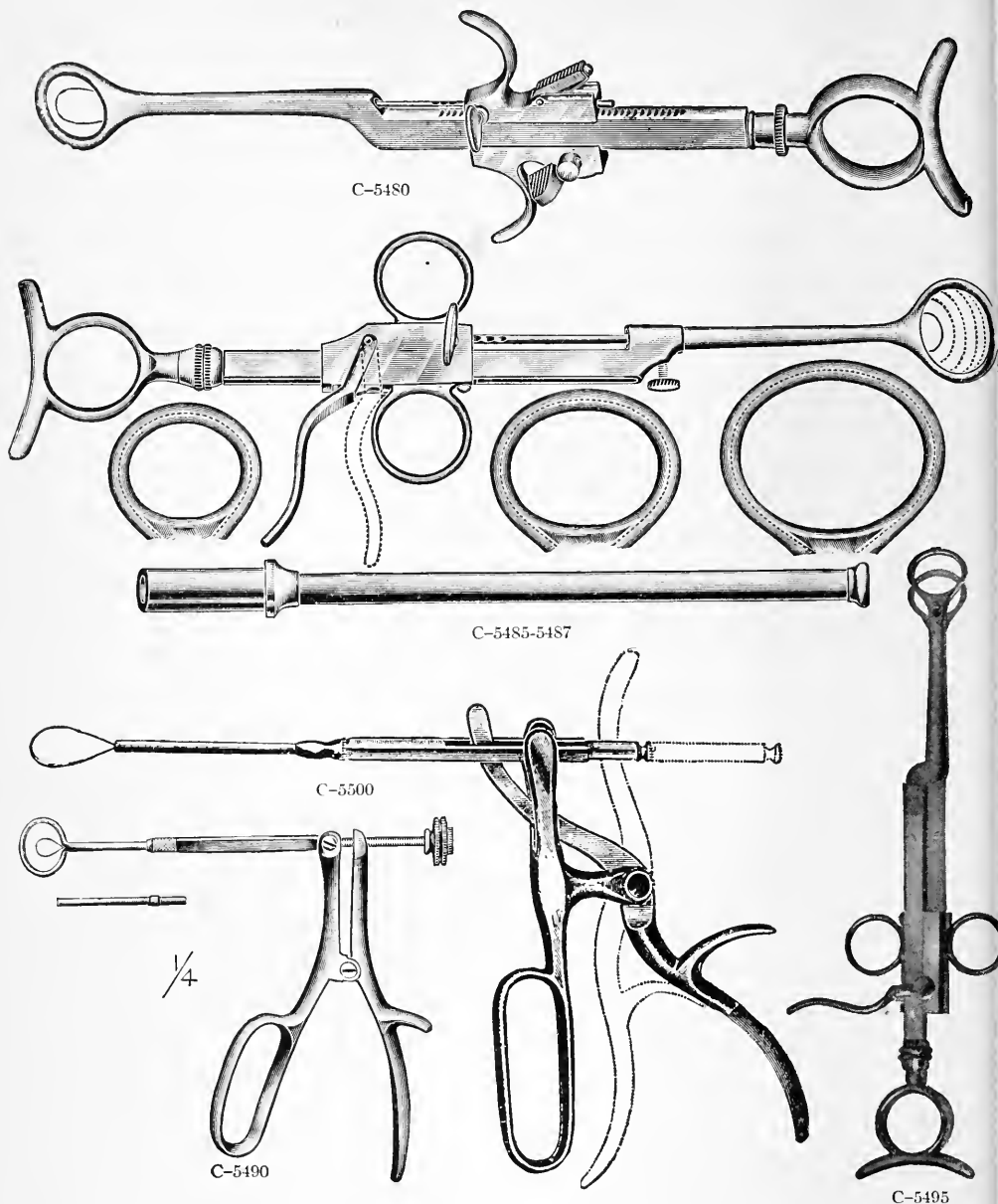
(See page 24)



C-5455

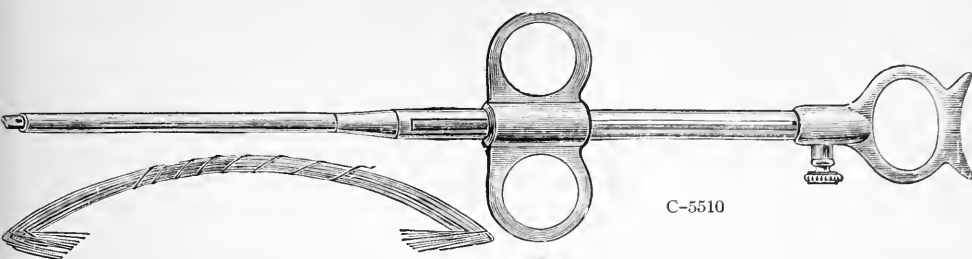


C-5440

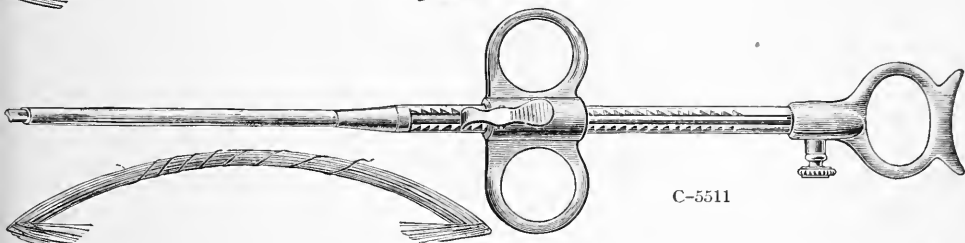


Tonsil Snares and Tonsilectomes

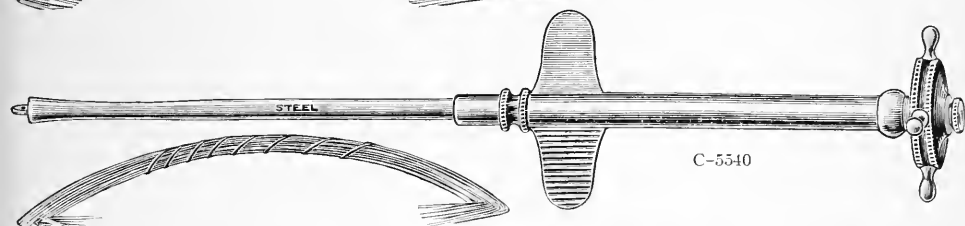
- C-5480 Beck's, original tonsilectome.
- C-5485 Beck-Schenck's, with 1 Vedder tip.
- C-5486 Beck-Schenck's, with 1 Vedder and 1 straight tip.
- C-5487 Beck-Schenck's, with 3 Vedder and 1 straight tip.
- C-5490 Brown's, with 1 Vedder and 1 straight tip.
- C-5495 Churchman-Beck's.
- C-5500 Tyding's Snare.



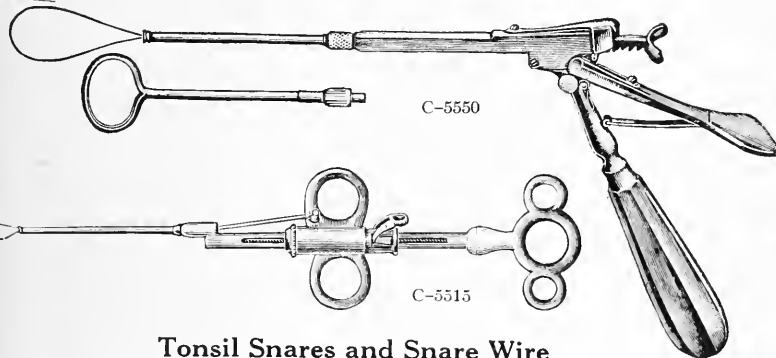
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C-5511



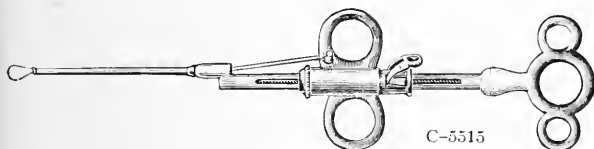
C-5540



C-5550



C-5556



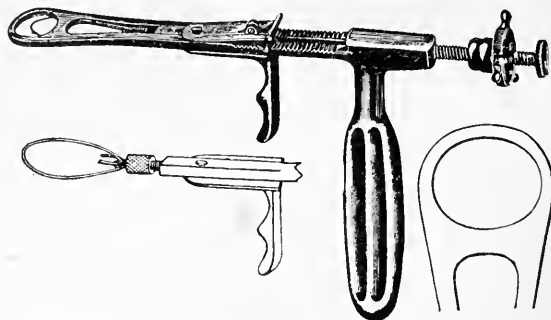
C-5515

Tonsil Snares and Snare Wire

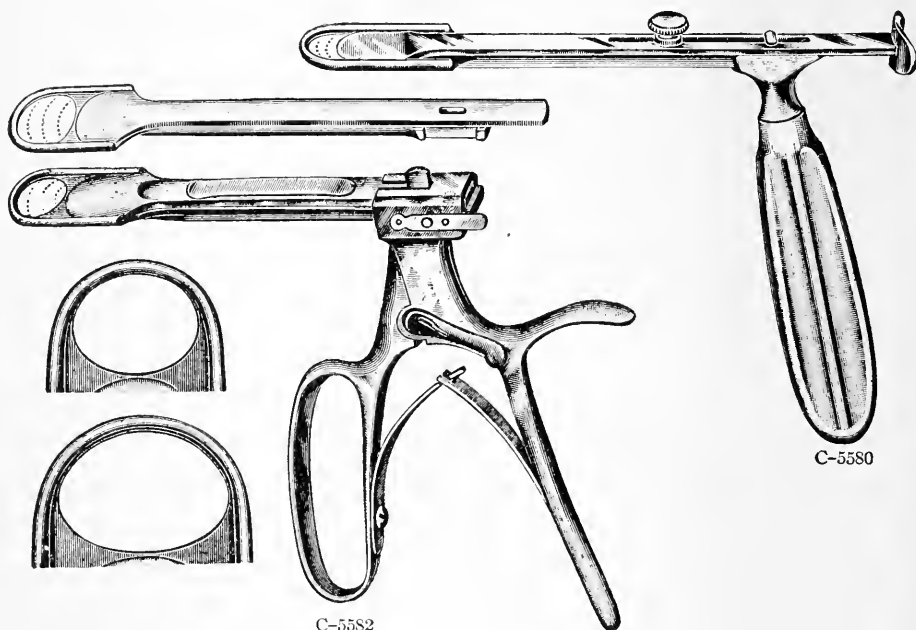
- C-5510 Eve's, with 12 wires.
- C-5511 Eve's, with ratchet, with 12 wires.
- *C-5512 Eve's, with Vedder tip, with 12 wires.
- C-5515 Farlow's, original model.
- *C-5520 Farlow-Boettcher's.
- *C-5525 Hill's.
- *C-5530 Lewis'.
- *C-5535 Sloane's.
- C-5540 Smith's.
- *C-5545 Watson's.
- C-5550 Wright's.
- C-5555 Snare Wires, shaped for stilette.
- C-5556 Snare Wire, on spool.
- *C-5557 Snare Wire, in $\frac{1}{4}$ pound coils, Nos. 5 to 8.
- *C-5558 Snare Wire Loops, Yankauer's twisted.
- *C-5559 Snare Wire Loops, twisted, for use without stilette.



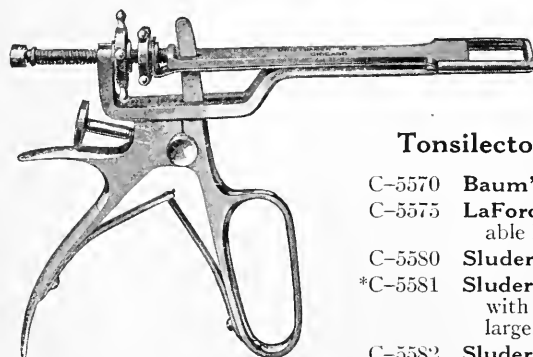
C-5555



C-5570



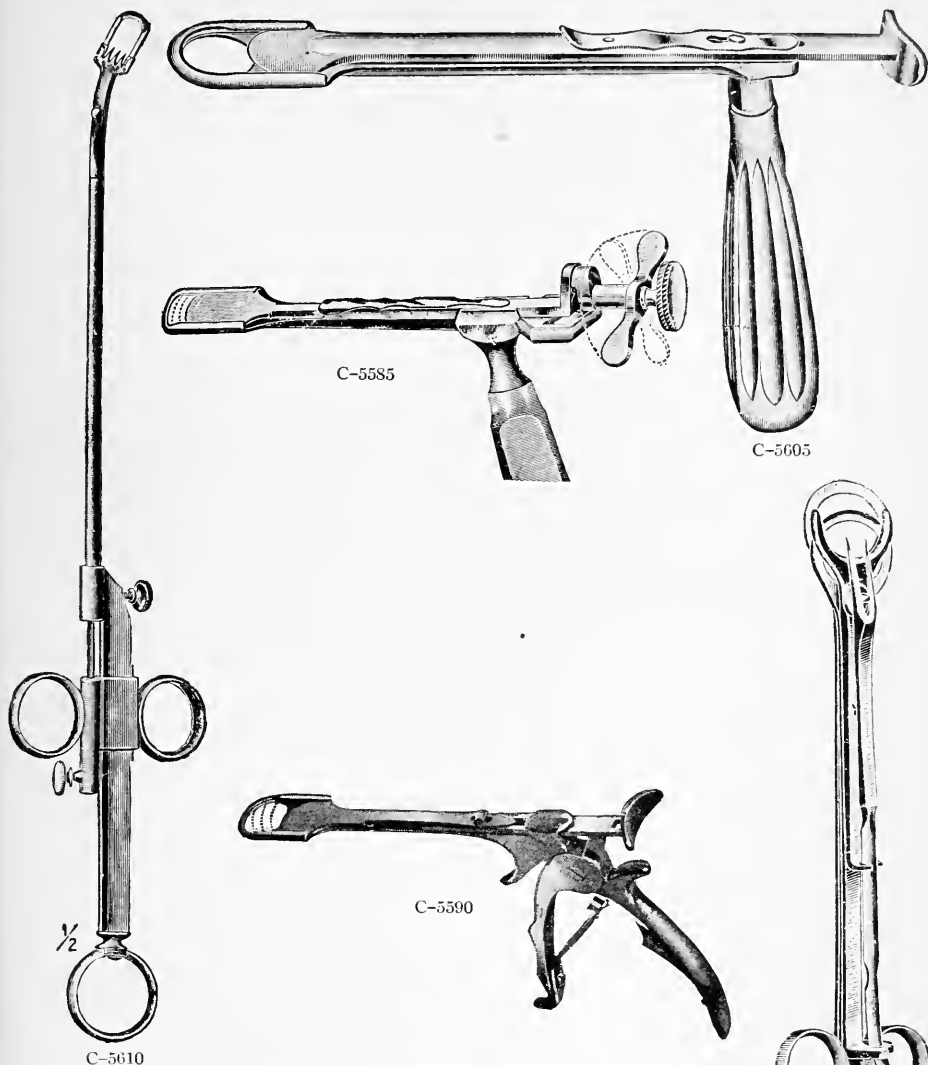
C-5580



C-5575

Tonsilectomes and Tonsil Guillotines

- C-5570 **Baum's** Tonsilectome, improved.
- C-5575 **LaForce's** Hemostatic Guillotine, with detachable handle.
- C-5580 **Sluder's** Tonsil Guillotine, small and large.
- *C-5581 **Sluder-Arrowsmith's**, same as Sluder's, but with round openings in blades, small and large.
- C-5582 **Sluder-Ballenger's** Tonsil Guillotine, with 2 blades in universal handle.



Tonsil Guillotines

- C-5585 Demarest-Sluder's Guillotine, with force cam.
- C-5590 Sluder-Richter's Guillotine, with force lever.
- *C-5587 Douglass' Hemostatic Guillotine.

Tonsilotomes

- *C-5600 Mathieu's, original, 4 sizes.
- *C-5601 Mathieu's, improved, 4 sizes.
- C-5605 McKenzie's, 4 sizes.
- *C-5606 McKenzie's, reversible, 4 sizes.
- *C-5607 McKenzie-Quinlan's, reversible, 4 sizes.
- C-5610 Myles', lingual, 2 sizes.
- C-5615 Simplex, 4 sizes.

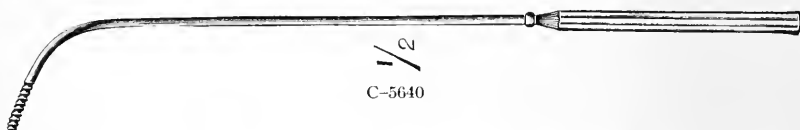




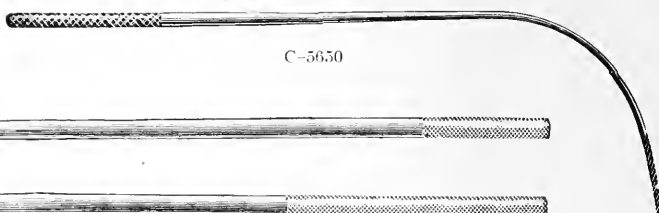
C-5630



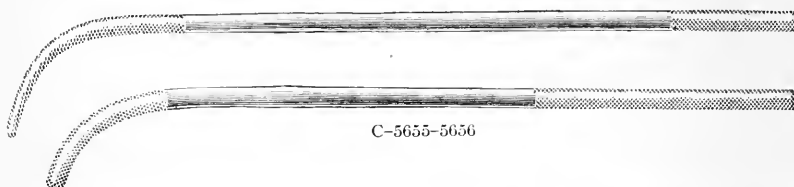
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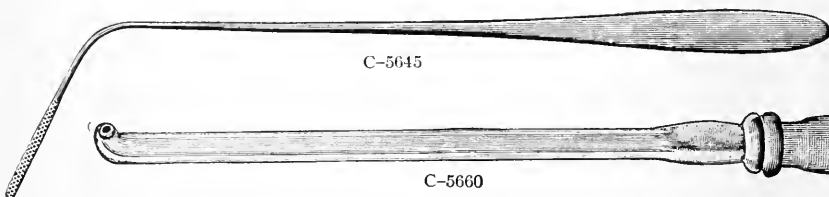
C-5640



C-5650



C-5655-5656



C-5645

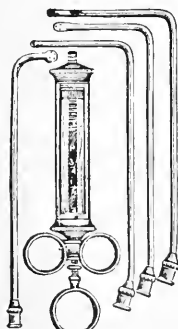
C-5660

Laryngeal Applicators

- C-5630 Plain, plated or aluminum, flat end, rough end, triangular end or spiral end.
- C-5635 Plain, handle with chuck end and 100 removable wire stems.
- C-5640 Plain, curved, steel, spiral end.
- C-5645 **Fraenkel's.**
- C-5650 **Ivan's**, all steel.
- C-5655 **Pyncheon's**, aluminum, heavy, long.
- C-5656 **Pyncheon's**, aluminum, heavy, short.
- C-5660 **Yankauer's** Medicator, glass.

Laryngeal Syringes (see also page 24)

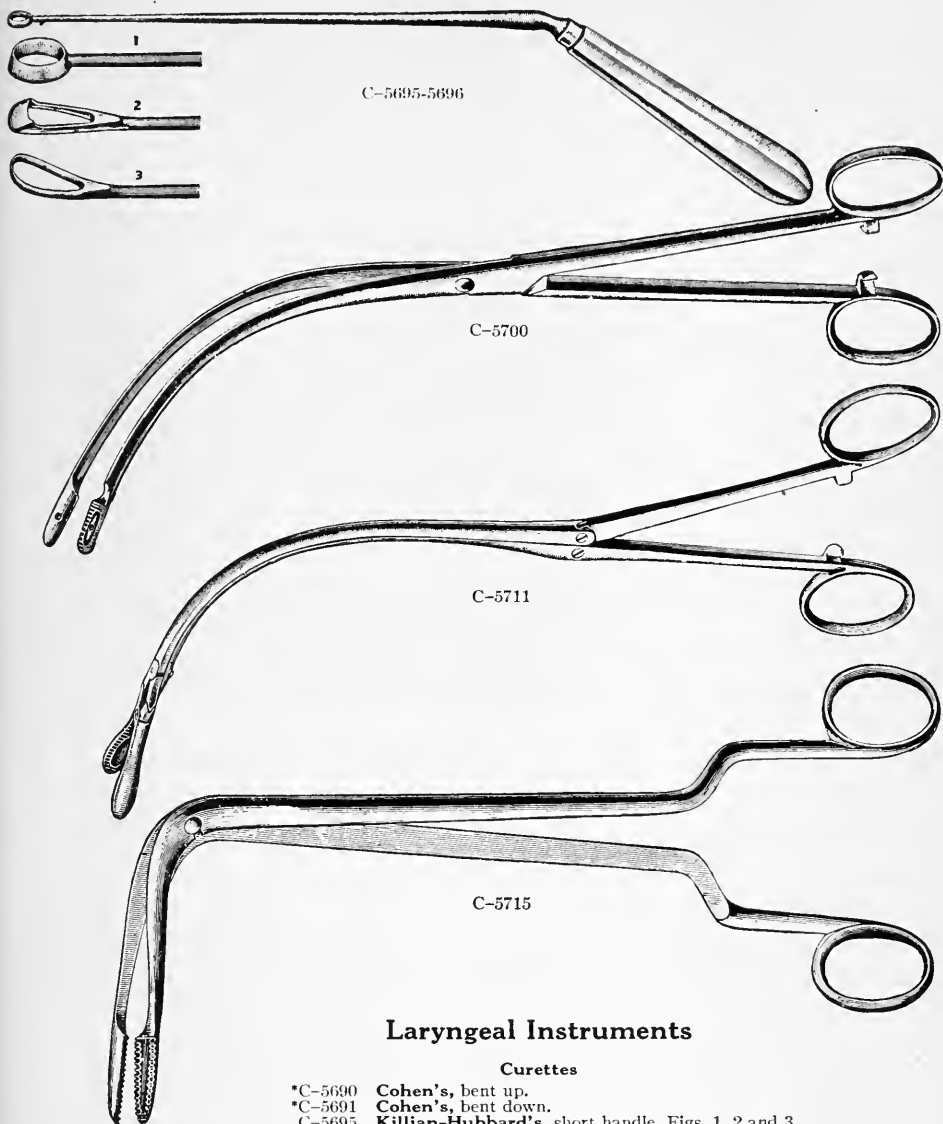
- C-5665 **Brown's**, with 4 silver tubes in metal case.
- C-5670 **Muir's**, with flexible laryngeal tip.



C-5665



C-5670



Laryngeal Instruments

Curettes

- *C-5690 **Cohen's**, bent up.
- *C-5691 **Cohen's**, bent down.
- C-5695 **Killian-Hubbard's**, short handle, Figs. 1, 2 and 3.
- *C-5696 **Killian-Hubbard's**, long handle, Figs. 1, 2 and 3.
- *C-5698 **Krause's**, antero posterior.
- *C-5699 **Krause's**, lateral, right and left.

Forceps

- *C-5700 **Fauvel's**, grasping, lateral, 4 sizes.
- *C-5705 **Garrigue's**, applying.
- *C-5710 **Luer's**, grasping, antero posterior.
- C-5711 **Luer's**, grasping, lateral.
- *C-5715 **McKenzie's**, grasping, antero posterior.
- *C-5716 **McKenzie's**, grasping, lateral.

Knives

- *C-5720 **Tobold's**, spear shaped.
- *C-5721 **Tobold's**, convex blade.
- *C-5722 **Tobold's**, concave blade.

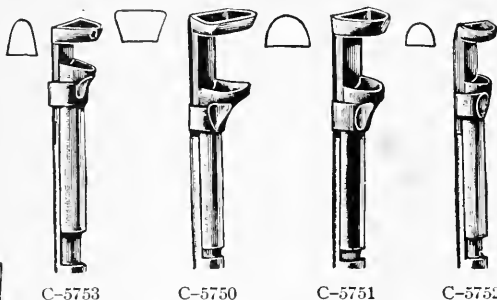
Snares

- *C-5725 **Krause's**, with universal handle.

STANDARD SURGICAL INSTRUMENTS



C-5710

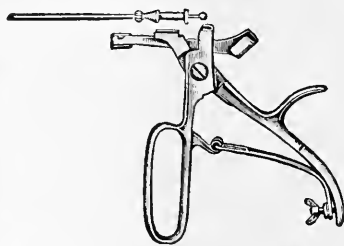


C-5753

C-5750

C-5751

C-5752



C-5735



C-5740



C-5745



C-5746



C-5747



C-5765



C-5766



C-5790



C-5770



C-5771



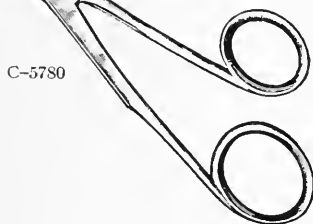
C-5755



C-5760



C-5775



C-5780

Laryngeal Instruments

- C-5735 Universal Handle, only.
- C-5740 Straight Canulae, 8, 16 and 22 inches.
- *C-5741 Curved Canulae, for laryngeal work.

Forceps Tips for Stems

- C-5745 Grasping, straight, serrated.
- C-5746 Grasping, straight, mouse toothed.
- C-5747 Grasping, angular bent, serrated.
- C-5750 Corde's, curette, for posterior wall.
- C-5751 Corde's, curette, for large growths.
- C-5752 Corde's, curette, for singers' nodes.
- C-5753 Corde's, curette, for growths of inferior commissure.
- C-5755 Frankel's, cutting.
- C-5760 Killian's, cutting.
- C-5765 Krause's, punch, oval.
- C-5766 Krause's, punch, square.
- C-5770 Scheinemann's, punch, subglottis.
- C-5771 Scheinemann's, cutting, subglottis.
- C-5775 Struycken's, punch.
- C-5780 Jackson's, cutting, with 1 canulae 8, 16, or 22 inches long, and 1 cutting tip.

Foreign Body Instruments

- *C-5785 Coin Catcher.
- *C-5786 Coin Catcher, with sponge probang, hinged.
- C-5790 Probang, Haslam's, bristle, all metal, spiral asptic.
- *C-5791 Probang Bristles, Haslam's.



C-5855-5856



C-5820



C-5825



C-5827



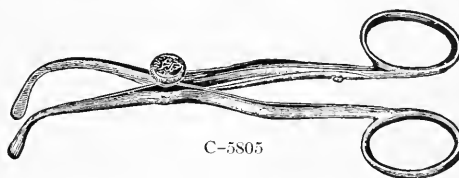
C-5829



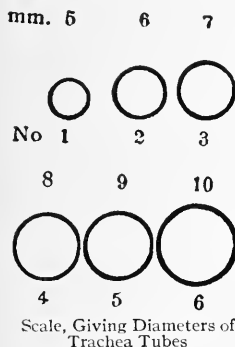
C-5845



C-5835



C-5805

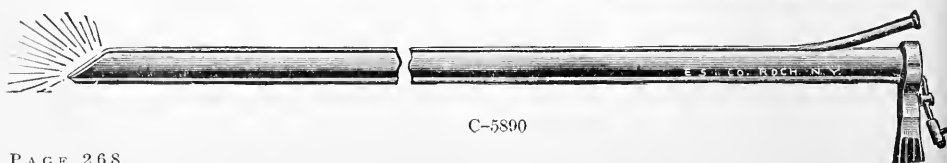
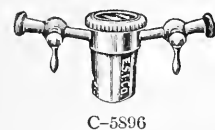
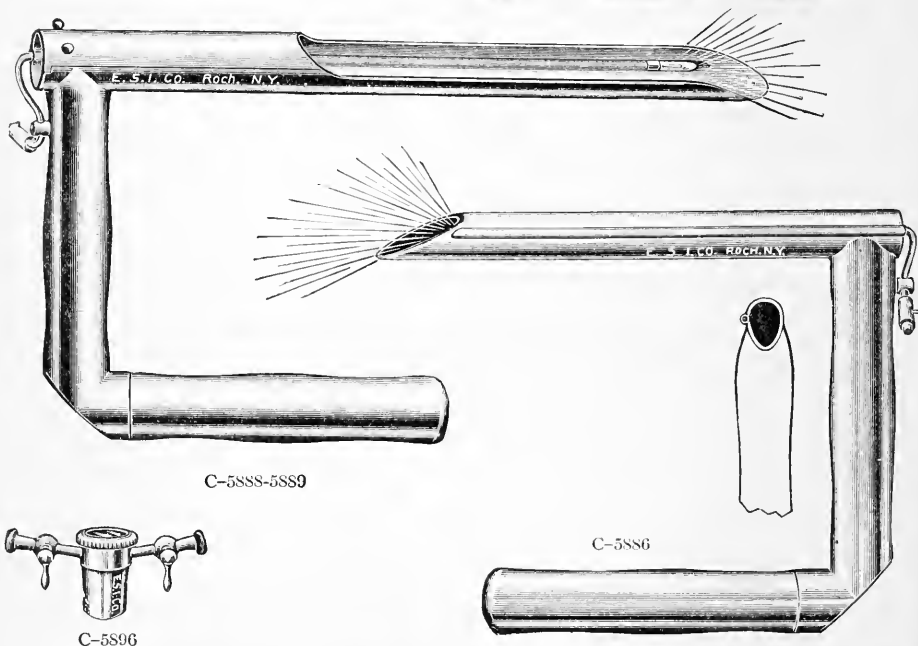
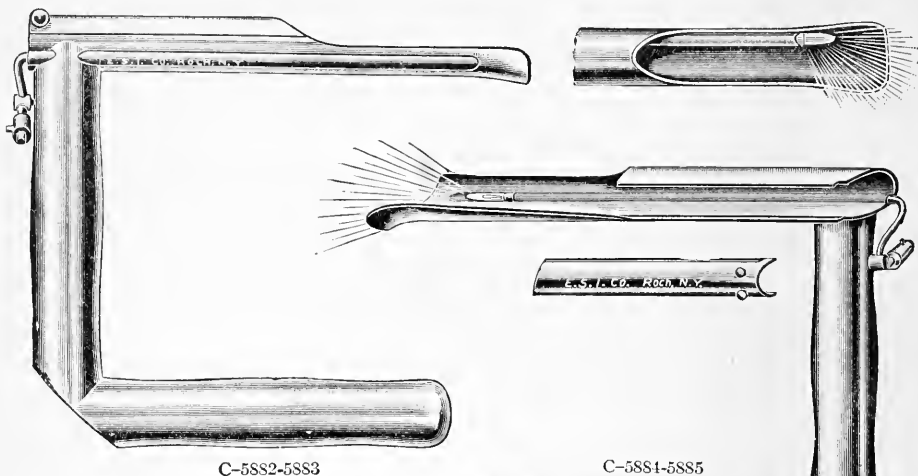


Tracheal Instruments

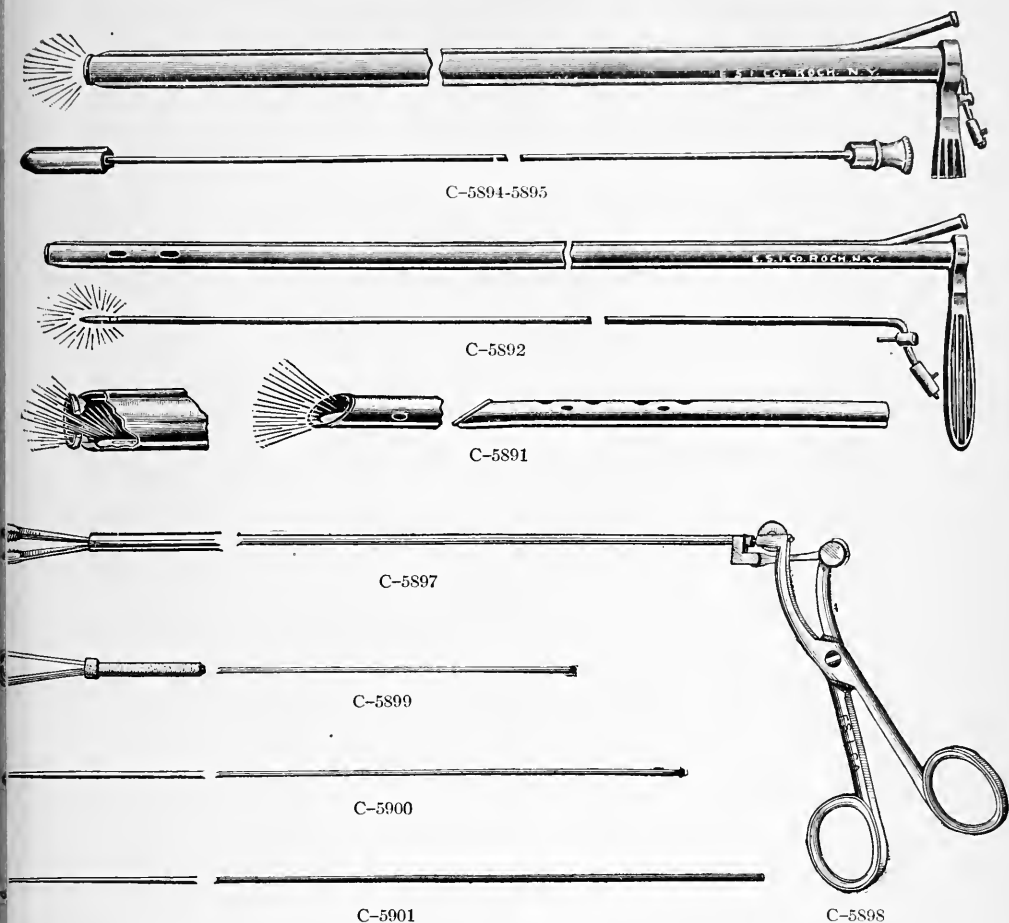
- *C-5800 Dilator, **Laborde's**.
- C-5805 Dilator, **Trousseau's**.
- *C-5810 Forceps, **Collin's**, for removing foreign bodies.
- *C-5815 Forceps, **Mathieu's**, for removing foreign bodies.
- C-5820 Retractor, **Belajew's**.
- C-5825 Retractor, hook, single, blunt.
- *C-5826 Retractor, hook, single, sharp.
- C-5827 Retractor, hook, double, blunt.
- *C-5828 Retractor, hook, double, sharp.
- C-5829 Retractor, hook, triple, blunt.
- *C-5830 Retractor, hook, triple, sharp.
- C-5835 Retractor, **Hupp's**.
- *C-5840 Retractor, **Luer's**, double, blunt.
- C-5845 Retractor, **Rose's**, double, blunt.
- C-5850 Tracheatome, Haslam's, 5 sizes, in case.

- *C-5851 Tracheatome, Haslam's, 3 sizes, in case.
- *C-5852 Tracheatome, Haslam's, 1 size, in case.
- C-5855 Trachea Tubes, **Chevalier-Jackson's**, plated, No. 1 to 6.
- C-5856 Trachea Tubes, **Chevalier-Jackson's**, silver, No. 1 to 6.
- *C-5860 Trachea Tubes, **Luer's**, double, hard rubber, 6 sizes.
- C-5861 Trachea Tubes, **Luer's**, double, silver plated, No. 1 to 6.
- C-5862 Trachea Tubes, **Luer's**, aluminum, 8 sizes.
- C-5863 Trachea Tubes, **Luer's**, double, silver, No. 1 to 6.

Laryngoscopic, Bronchoscopic, Esophagoscopic and Gastroscopic Instruments



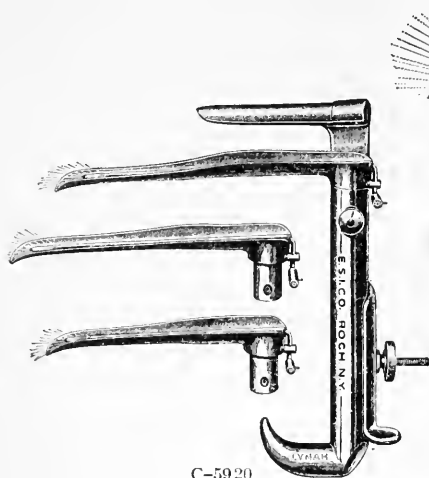
STANDARD SURGICAL INSTRUMENTS



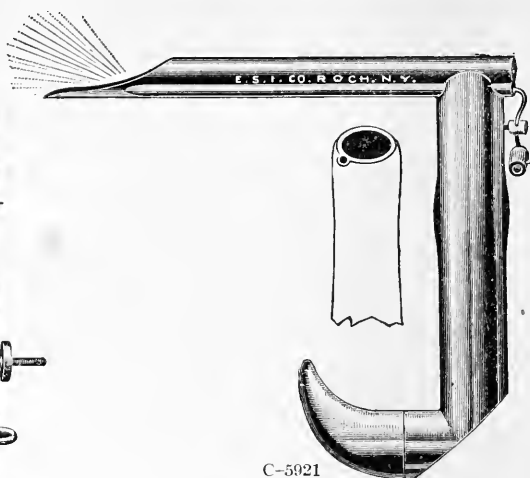
Instruments for Direct Laryngoscopy, Bronchoscopy, Esophagoscopy and Gastroscope

The designs for these instruments were furnished by **Dr. Chevalier Jackson**, and are only made for him and under his directions by the **Electro Surgical Instrument Company of Rochester, N. Y.**

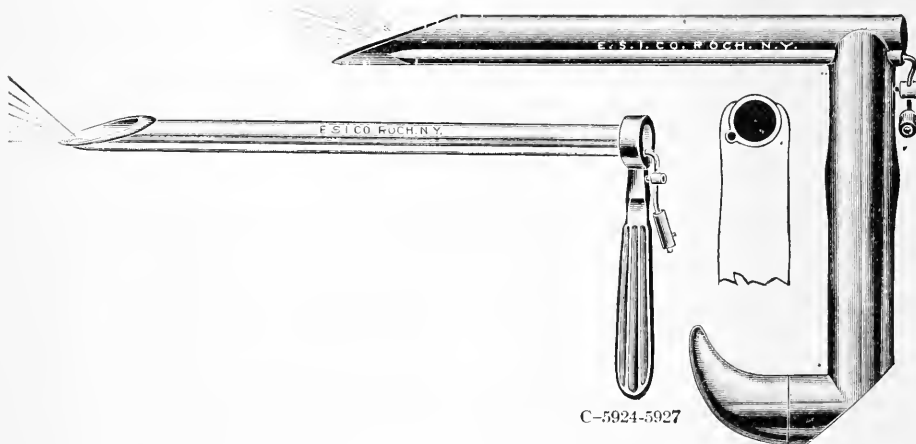
- *C-5880 Lamp and Carrier for Jackson's tubes.
- *C-5881 Aspirator, **Jackson's**, for secretions, with all metal suction pump.
- C-5882 Laryngeal Speculum, **Jackson's**, No. 7, with slide (adult).
- C-5883 Laryngeal Speculum, **Jackson's**, No. 8, with slide (child's).
- C-5884 Laryngeal Speculum, **Jackson's**, oval slide (adult).
- C-5885 Laryngeal Speculum, **Jackson's**, oval slide (child's).
- C-5886 Laryngeal Speculum, **Jackson's**, anterior commissure.
- *C-5887 Laryngeal Speculum, **Johnston's**.
- C-5888 Esophageal Speculum, **Jackson's** (adult).
- C-5889 Esophageal Speculum, **Jackson's** (child's).
- C-5890 Esophagoscope, **Jackson's**, slanted end, without obturator, with auxiliary drainage tube, No. 1 (adult); No. 2 (child's).
- C-5891 Bronchoscope, **Jackson's**, slanted end, without obturator, without auxiliary drainage tube, No. 3 (adult); No. 4 (adolescent); No. 5 (child's); No. 6 (infant's).
- C-5892 Bronchoscope, **Jackson's**, blunt end, with auxiliary drainage tube, 7 mm. by 45 cm., 5 mm. by 45 cm., 5 mm. by 30 cm.
- *C-5893 Bronchoscope, **Jackson's**, modified by **Dr. D. Braden Kyle**, with long and short light carriers, 7 mm. by 40 cm.
- C-5894 Gastroscope, **Jackson's**, for ordinary cases, 10 mm. by 70 cm.
- C-5895 Gastroscope, **Jackson's**, for extreme cases of gastroptosis, 10 mm. by 80 cm.
- C-5896 Window Plug, for **Jackson's** Esophagoscope and Gastroscope, used by **Dr. Mosher** for ballooning oesophagus or stomach.
- C-5897 **Jackson's** Forceps, 36, 60 and 85 cm.
- C-5898 **Jackson's** Two Ring Handle, interchangeable.
- C-5899 **Jackson's** Cotton Carrier, 36, 60 and 85 cm.
- C-5900 **Jackson's** Hook, 36, 60 and 85 cm.
- C-5901 **Jackson's** Probe, 36, 60 and 85 cm.
- *C-5902 **Jackson's** Drainage Tube, 36, 60 and 85 cm.
- *C-5903 Extra lamps for light carriers, **E. S. I. Co.** No. 2.



C-5920



C-5921



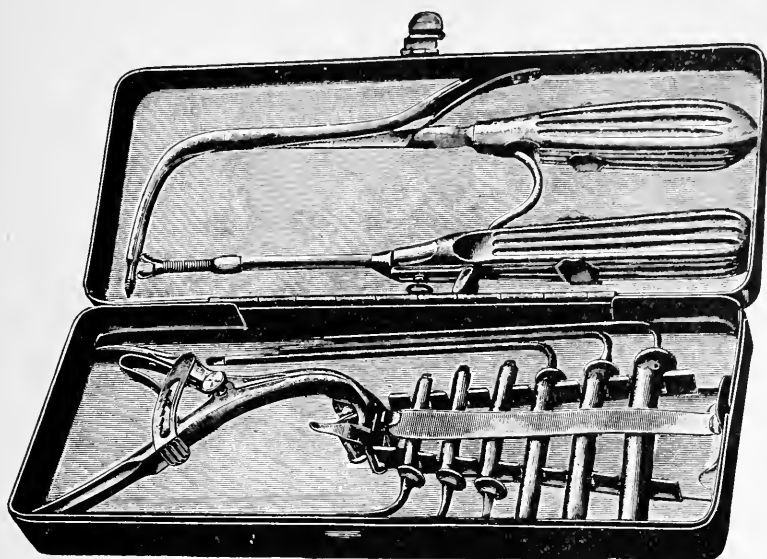
C-5924-5927

C-5923

- C-5920 **Lynah's** Intubation Speculum, with 3 blades, 14½, 12½ and 10½ cm.
- C-5921 **Lynah's** Ovoid Laryngeal Speculum, size, 14 mm. x 11 mm. x 14 cm.
- *C-5922 **Lynah's** Oesophageal Speculum, same as C-5921, except size; child size, 14 mm. x 10 mm. x 18 cm.; adult size, 16 mm. x 12 mm. x 25 cm.
- C-5923 **Lynah's** Anterior Commissure Laryngoscope, size, 14 mm. x 18 cm.
- C-5924 **Lynah's** Bronchoscope, adult size, 9 mm x 40 cm.
- C-5925 **Lynah's** Bronchoscope, adolescent size, 7 mm x 40 cm.
- C-5926 **Lynah's** Bronchoscope, child size, 5 mm x 30 cm.
- C-5927 **Lynah's** Bronchoscope, infant size, 4 mm x 30 cm.
- *C-5928 **Lynah's** Oesophagoscope, adult size, 10 mm x 53 cm.
- *C-5929 **Lynah's** Oesophagoscope, child size, 7 mm x 45 cm.
- *C-5930 **Lynah's** Tracheascope, adult size, 9 mm x 22 cm.
- *C-5931 **Lynah's** Tracheascope, adolescent size, 7 mm x 22 cm.
- *C-5932 **Lynah's** Tracheascope, child size, 5 mm x 22 cm.

Dr. Lynah's instruments are the latest devices in the bronchoscopic field. They are made exclusively by the **Electro Surgical Instrument Co.,** Rochester, N. Y.

Illustrated descriptive pamphlet furnished upon request.



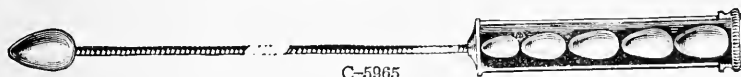
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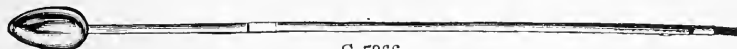
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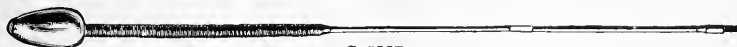
C-5961



C-5965



C-5966



C-5967

Intubation Sets

- *C-5950 **Ferroud-Thorner's**, with 1 handle, in metal case.
- *C-5951 **Ferroud-Thorner's**, with 2 handles, in metal case
- *C-5952 **Ferroud-Thorner's**, with 3 handles, in metal case.
- C-5955 **O'Dwyer's**, with hard rubber covered tubes.
- C-5956 **O'Dwyer's**, with gold-plated tubes.



C-5968

Esophageal Bougies and Dilators

- C-5960 Cylindrical Bougies, French, best quality, 16 to 30 Fr. in even numbers.
- C-5961 Olive Point Bougies, French, best quality, 16 to 30 Fr. in even numbers.
- C-5965 **Trousseau's** Dilator, spiral stem, 6 metal olives.
- C-5966 **Trousseau's** Dilator, oval metal stem, 6 metal olives.
- C-5967 **Trousseau's** Dilator, Douglass' stem, 6 metal olives.
- C-5968 **Trousseau's** Dilator, whalebone stem, 6 hard rubber olives.



Open End



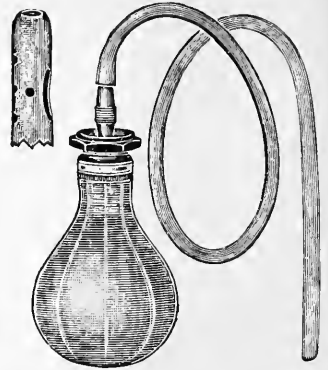
Closed End



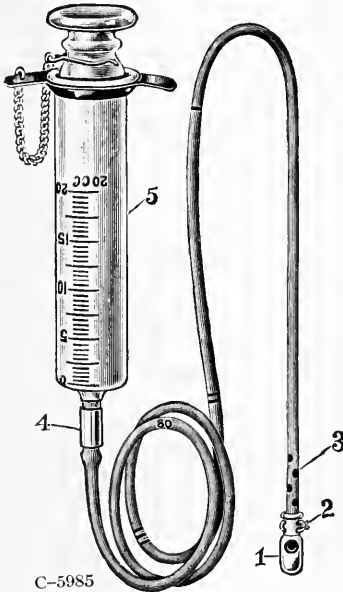
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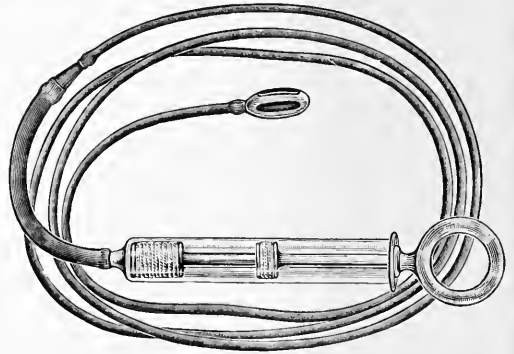
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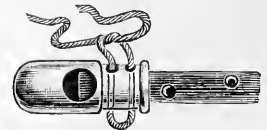
C-5975-5976



C-5985



C-5997



C-5986



C-5989



C-5994



C-5998



C-5987



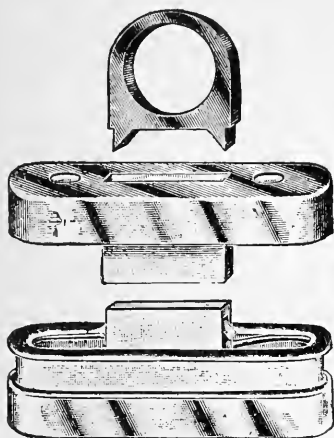
C-5996

Stomach Tubes

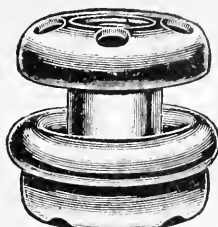
- C-5975 Ewald's Aspirator.
- C-5976 Ewald's Tube, only, 24 inches.
- C-5980 Soft rubber with funnel, 60 inches; 3 sizes, open or closed end.
- C-5981 Soft rubber with bulb and funnel, 60 inches; 3 sizes, open or closed end.
- *C-5982 Soft rubber, Paine's Nasal Feeding Tubes.

Duodenal Outfits and Tips

- C-5985 Buckstein's, complete with syringe or without syringe.
- C-5986 Buckstein's, tip only.
- C-5987 Einhorn's, tip only.
- *C-5988 Kanavel's, complete with syringe or without syringe.
- C-5989 Kanavel's, tip only.
- *C-5991 Jutte's, complete.
- *C-5993 Lyons', complete with syringe or without syringe.
- C-5994 Lyons', tip only.
- *C-5995 Palefski's, complete with syringe or without syringe.
- C-5996 Palefski's, tip only.
- *C-5997 Rehfu's, complete with syringe or without syringe.
- C-5998 Rehfu's, tip only.
- *C-5999 X-Ray Duodenal Tubes, French, gum elastic.



C-6007



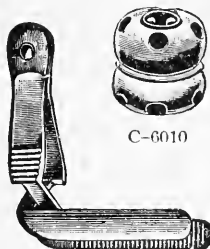
C-6008



No. 1



No. 2



C-6010

C-6016



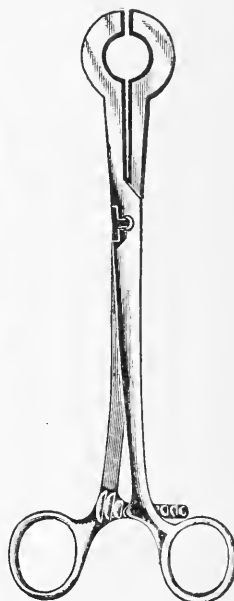
No. 3

No. 4

C-6006



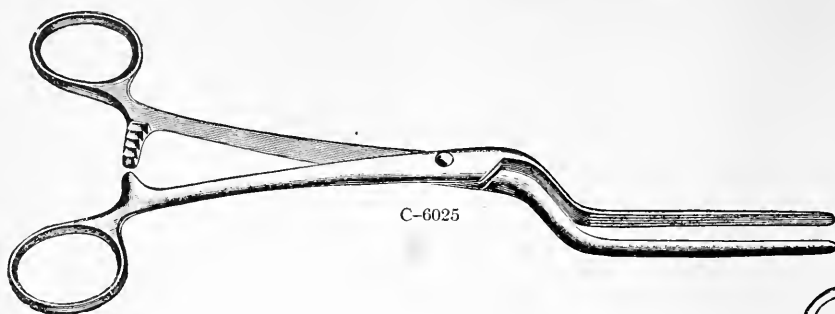
C-6009



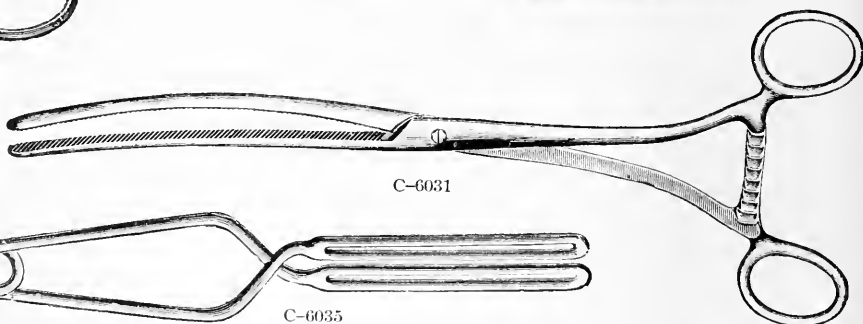
C-6015

Anastomosis Buttons, etc.

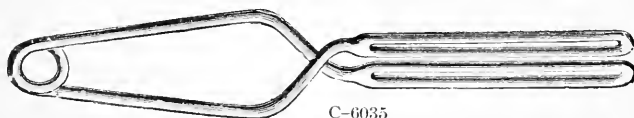
- *C-6000 **Jaboulay-Lumiere's**, 3 sizes.
- *C-6005 **Murphy's**, for draining the gall bladder, 1 size.
- C-6006 **Murphy's**, regular, 4 sizes.
- C-6007 **Murphy's**, oval, gastro-enterostomy, 1 size.
- C-6008 **Murphy's**, round, gastro-enterostomy, 1 size.
- C-6009 **Murphy's**, round, small, $\frac{3}{4}$ inch in diameter.
- C-6010 **Murphy's**, round, extra small, $\frac{1}{2}$ inch in diameter.
- C-6015 **Murphy's** Button Forceps, introducing.
- C-6016 **Murphy's** Clamp.
- *C-6020 **Tennant's** Anastomosis Forceps.



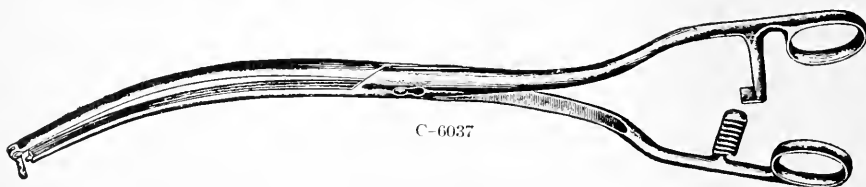
C-6025



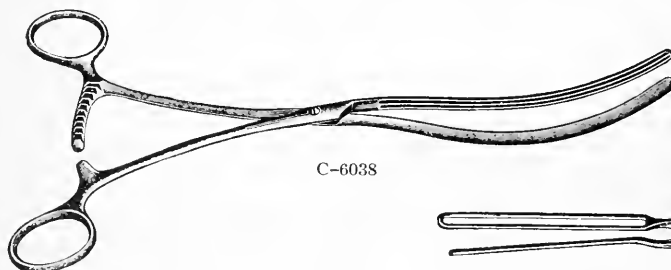
C-6031



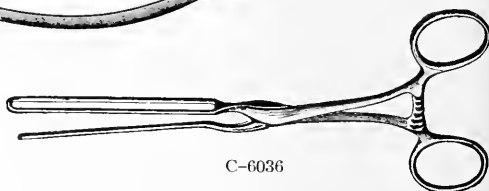
C-6035



C-6037



C-6038



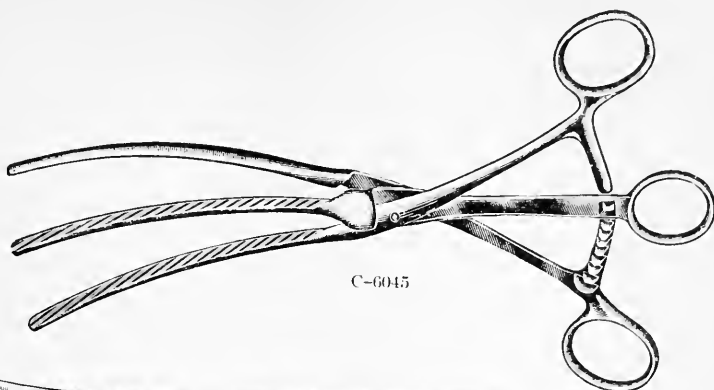
C-6036

Stomach and Intestinal Clamps and Forceps

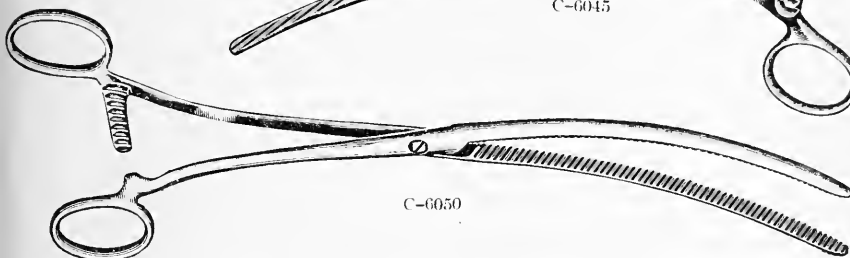
(See also pages 82 and 83)

- C-6025 **Brunner's**, bayonet shape, 10 inches.
- *C-6030 **Doyen's**, straight, $8\frac{3}{4}$ inches.
- C-6031 **Doyen's**, curved, 9 inches.
- C-6035 **Knapp's**, intestinal, 7 inches.
- C-6036 **Kocher's**, occlusion, $7\frac{1}{2}$ inches, screw lock.
- C-6037 **Kocher's**, curved, for resections, $14\frac{1}{2}$ inches.
- C-6038 **Kocher's**, double curved, $9\frac{3}{4}$ inches and $10\frac{1}{2}$ inches.
- *C-6040 **Lane's**, gastro-enterostomy, 2 in set.

Intestinal and Marginal Forceps (see pages 82 and 83)



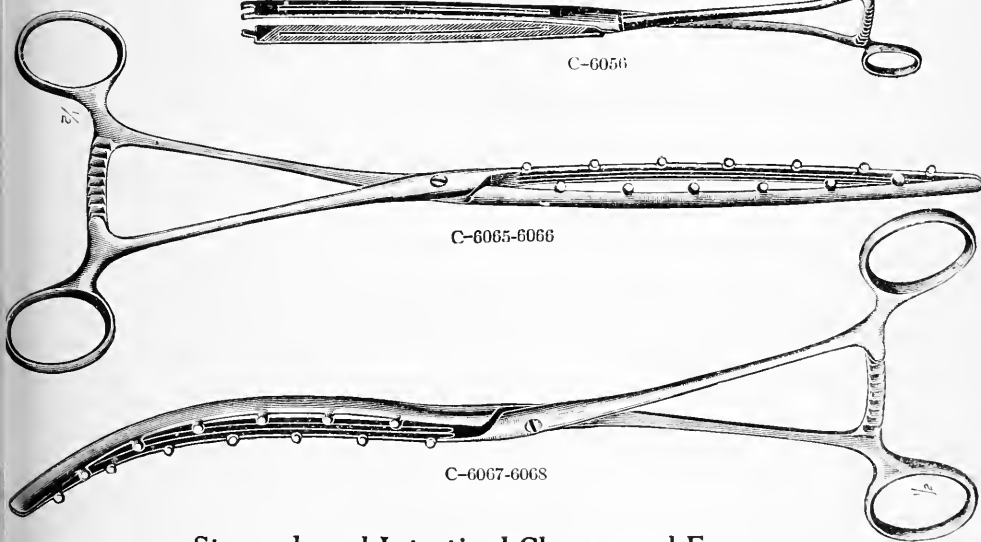
C-6045



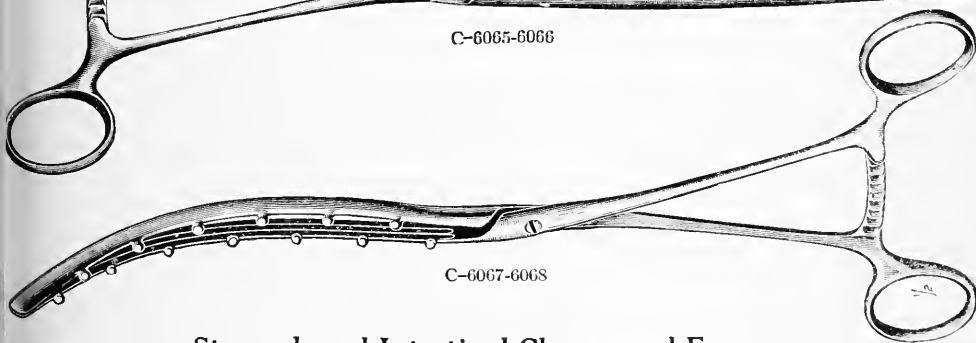
C-6050



C-6056



C-6065-6066



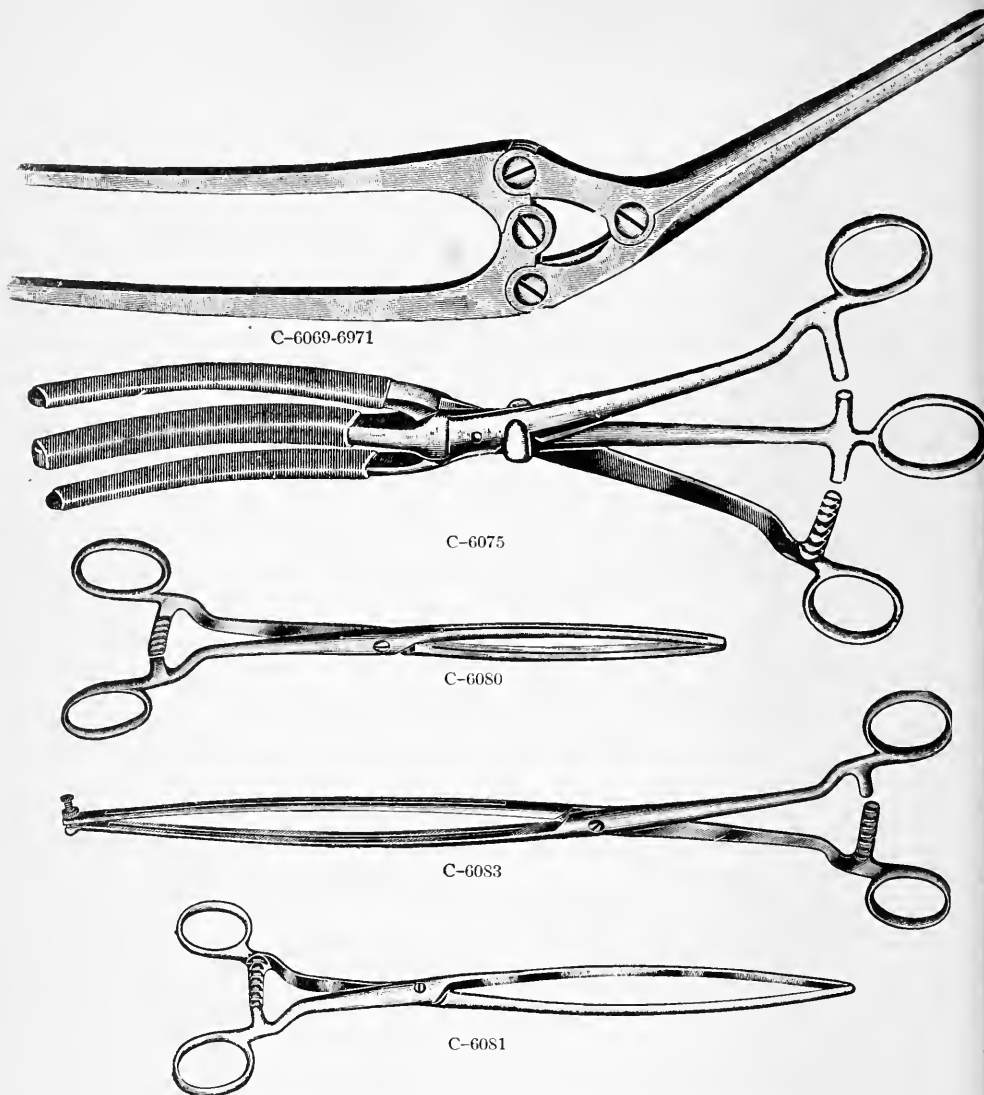
C-6067-6068

Stomach and Intestinal Clamps and Forceps

(See also pages 82 and 83)

- C-6045 Linnartz', 3-bladed, intestinal.
- *C-6046 Linnartz', 3-bladed, gastro enterostomy.
- C-6050 Mayo-Robson's, 10 inches.
- *C-6055 Moynihan's, 11½ inches.
- C-6056 Moynihan's, 15 inches.
- *C-6057 Moynihan's, gastro enterostomy, 3 blades, 13 inches.
- *C-6060 O'Hara's, intestinal, set of 2.
- C-6065 Payr's, intestinal, straight, 9½ inches.
- C-6066 Payr's, intestinal, straight, 10½ inches.
- C-6067 Payr's, intestinal, curved, 9½ inches.
- C-6068 Payr's, intestinal, curved, 10½ inches.

Intestinal and Marginal Forceps (see pages 82 and 83)

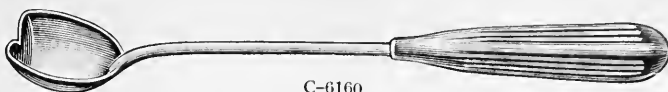


Stomach and Intestinal Clamps and Forceps

(See also pages 82 and 83)

- C-6069 **Payr's**, pylorus, 8 inches.
- C-6070 **Payr's**, pylorus, 11 inches.
- C-6071 **Payr's**, pylorus, 13 $\frac{3}{4}$ inches.
- C-6075 **Roosevelt's**, gastro enterostomy, 3 blades.
- C-6080 **Scudder's**, intestinal, fenestrated blades, 9 and 9 $\frac{3}{4}$ inches.
- C-6081 **Scudder's**, intestinal, solid blades, 9 $\frac{1}{2}$ and 13 inches.
- *C-6082 **Scudder's**, intestinal, inverted ring handles, 13 inches.
- C-6083 **Scudder's**, stomach, straight, fenestrated blades, 14 inches.
- *C-6084 **Scudder's**, stomach, curved, fenestrated blades, 14 inches.
- *C-6090 **Thomas' (Lynn)**, 3 blades.

Intestinal and Marginal Forceps (see pages 82 and 83)



C-6160



C-6150



C-6145



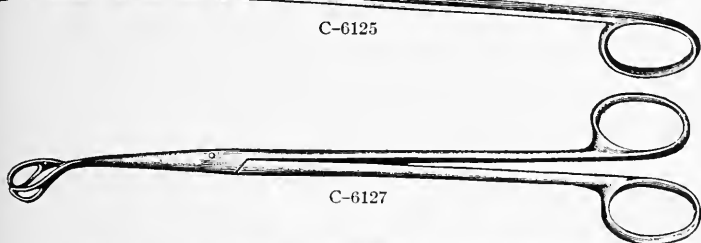
C-6155



C-6156



C-6125



C-6127



C-6115 $\frac{1}{2}$



C-6120

Intestinal Instruments

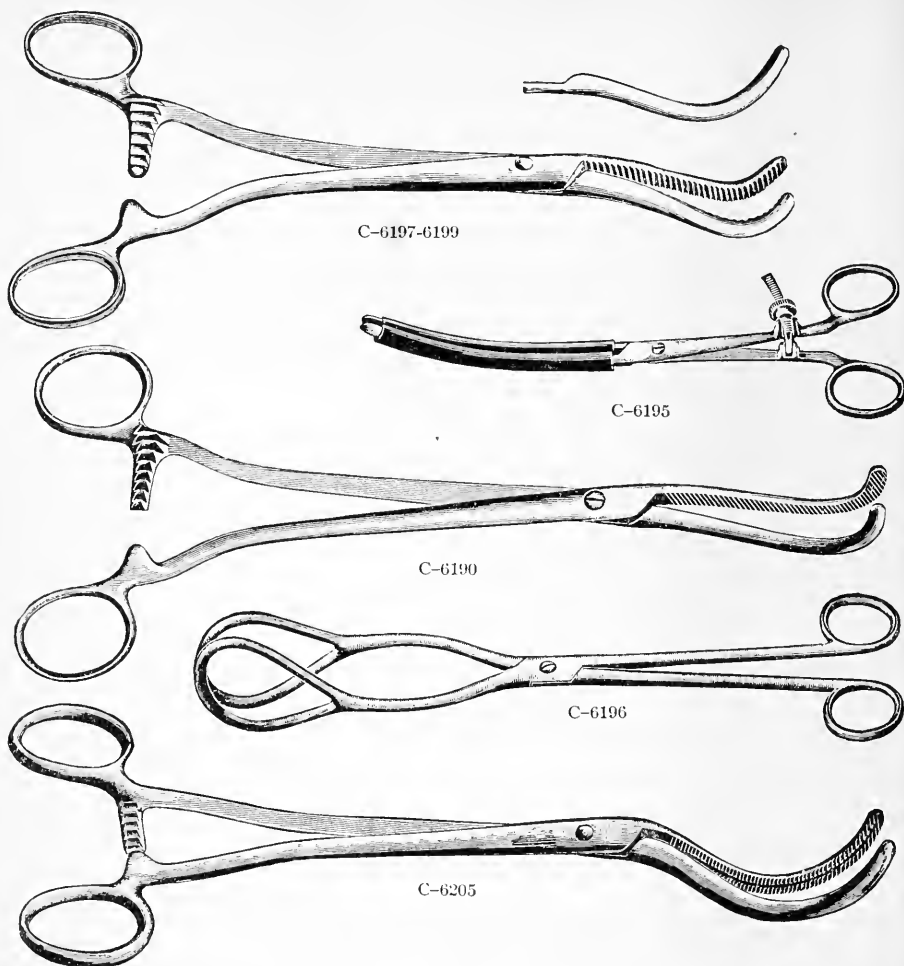
- *C-6100 Packer, **Kelly's**, trident.
- *C-6105 Replacer, **Richardson's**, bowel.
- *C-6110 Tucker, **Barrett's**, appendix.
- C-6115 Tucker, **Mayo-Boldt's**, for tucking the cuff of the appendix.
- C-6120 Tucker and Packer, **Mayo-Kelly's**.

Gall Bladder Instruments

- C-6125 Forceps, **Blake's**, straight.
- *C-6126 Forceps, **Blake's**, curved.
- C-6127 Forceps, **Blake's**, modified by Mayo.
- *C-6130 Forceps, **Collins'**, gall duct.
- C-6135 Probe, **Ochsner's**, spiral, gall duct.
- C-6140 Probe and Scoop, **Moynihan's**, block tin.
- C-6145 Scoop, **Desjardin's**.
- C-6150 Scoop, **Ferguson's**, double ended, 3 sizes.
- C-6155 Scoop, **Mayo's**, double ended, 1 size.
- C-6156 Scoop, **Mayo-Robson's**.
- C-6160 Spoon, **Moore's**, gall stone.
- *C-6165 Trocar, **Ochsner's**, for draining the gall bladder.



C-6140 C-6135 $\frac{1}{3}$



Gall Stone Forceps

- *C-6170 Stille's.
- *C-6175 Tait's.
- *C-6180 Wardlow's.

Nephrectomy Forceps

- C-6190 Guyon's, vessel clamp, serrated jaw.
- C-6195 Lower's, vessel clamp, rubber-covered jaws.
- C-6196 Lower's, elevating forceps.
- C-6197 Mayo's, vessel clamp, 8 inches.
- C-6198 Mayo's, vessel clamp, 8¾ inches.
- C-6199 Mayo's, vessel clamp, 9½ inches.
- *C-6200 Sherk's, elevating (see page 320).
- C-6205 Stille's, vessel clamp.

Retractors (see pages 94 to 98)

Section “D”



Rectal

Prostatic

Phimosis

Vesical

Urethral

Ureteral

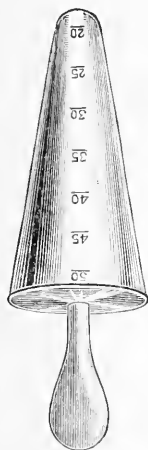
Instruments



D-10



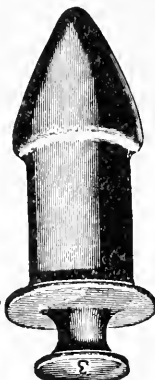
D-5



D-20



D-26



D-30



D-70



D-75



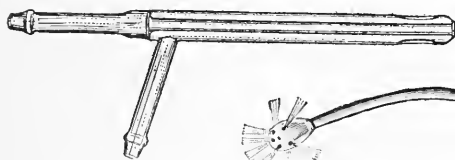
D-80



D-60



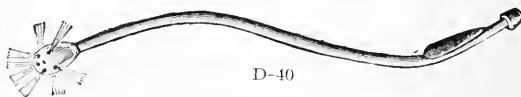
D-15



D-35



D-45



D-40



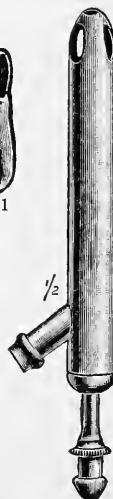
D-1

Rectal Bougies, Dilators, Douches, Pipes, Tubes, etc.

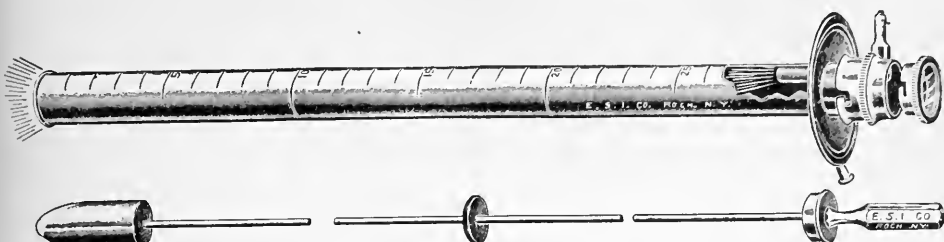
- D-1 Bougie, rectal, elastic web, conical, cylindrical, olive point.
- D-5 Bougie, rectal, hard rubber, set of 6, nested.
- D-10 Bougie, rectal, **Wales'**, soft rubber, olive point, Nos. 1-12.
- D-15 Dilator, glass, 3 sizes.
- D-20 Dilator, **Kelly's**, conical, sphincter.
- *D-25 Dilator, **Pratt's**, plain, metal, 6 sizes, Nos. 0-5.
- D-26 Dilator, **Pratt's**, screw top, Nos. 0-5.
- *D-27 Dilator, **Pratt's**, with inlet and outlet, Nos. 0-5.
- D-30 Dilator, **Young's**, hard rubber, 4 sizes.
- *D-31 Dilator, **Young's**, Perfection, hard rubber, 4 sizes.
- D-35 Douche, **Chetwood's**, glass.
- D-40 Douche, **Cole's**, sigmoid.
- D-45 Douche, **Guiter's**, metal.
- *D-50 Douche, **Kemp's**, glass.
- D-51 Douche, **Martin's**, metal.
- D-55 Douche, **Martin's**, metal.
- D-60 Pile Pipe, **Bolton's**, hard rubber.
- *D-65 Pile Pipe, plain, hard rubber.
- D-70 Pile Pipe, **Seeley's**, for ointment.
- D-75 Rectal Tube, metal, spiral, 2 sizes.
- D-80 Rectal Tube, soft rubber, open end or closed end.



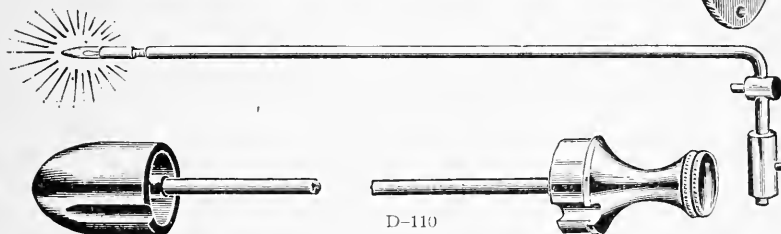
D-51



D-55



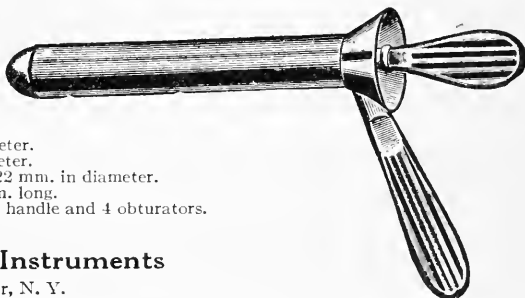
D-115



D-110

Proctoscopes

- D-100 **Kelly's**, 14 cm. long, 22 mm. in diameter.
- D-101 **Kelly's**, 20 cm. long, 22 mm. in diameter.
- *D-102 **Kelly's**, sigmoidoscope, 43 cm. long, 22 mm. in diameter.
- D-103 **Kelly's**, sphincteroscope, conical, 5 cm. long.
- *D-105 **Murphy's**, set of 4, telescopic, with 1 handle and 4 obturators.



D-100-101

Electrically Lighted Rectal Instruments

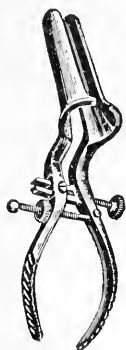
Made by the **E. S. I. Co.** of Rochester, N. Y.

- D-110 The **E. S. I. Co.** Proctoscope, complete with light carrier. Made in Nos. 45, 50, 55, 60 and 65 French scale, and in three lengths, 8, 15 and 20 cm.
- D-115 The **Jerome M. Lynch** Procto-Sigmoidoscope, complete with obturator, light attachment, window, dilating bulbs and extra lamp. 65 French scale, 3 lengths, 5 cm., 10 cm. and 30 cm.
- D-116 Extra lamps, **E. S. I. Co.** No. 7
- *D-120 The **Jas. P. Tuttle** Operating Proctoscope, complete with light carrier, one extra lamp and interchangeable handles. Made in one size, 29 mm. in diameter, 15 cm. long.
- *D-121 The **Jas. P. Tuttle** Pneumatic Procto-Sigmoidoscope, complete with obturator, interchangeable window, light carrier with one extra lamp, dilating bulbs and detachable handle. 57 French scale, 2 lengths, 4 inches and 10 inches.
- D-122 Extra lamps, **E. S. I. Co.** No. 3
- *D-125 **Brinckerhoff's** Rectal Speculum, 3 sizes, complete with light carrier.
- D-126 Extra lamps, **E. S. I. Co.** No. 2
- *D-130 **Cook's** Rectal Speculum, complete with light carrier.
- *D-135 **Pratt's** Rectal Speculum, complete with light carrier.
- D-136 Extra lamps for D-130 and 135, **E. S. I. Co.** No. 1

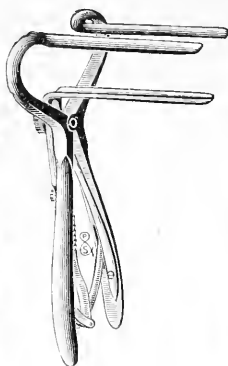


D-103

Complete illustrated descriptive catalogue of electrically lighted rectal instruments made by the Electro Surgical Instrument Co. sent on request.



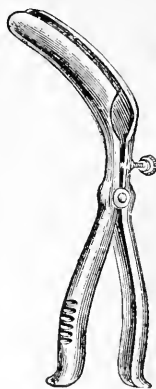
D-165



D-160



D-185



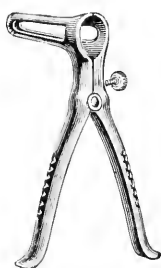
D-186



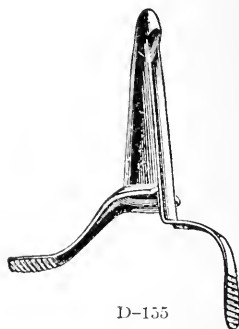
D-191



D-150



D-190



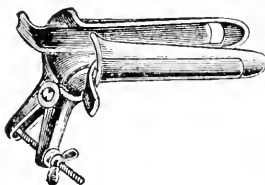
D-135



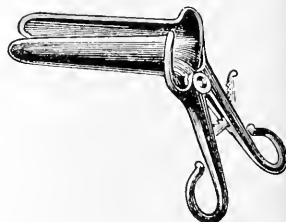
D-171



D-175



D-178



D-171

Rectal Specula

- D-150 **Bodenhammer's.**
- D-155 **Brinckerhoff's**, 3 sizes.
- D-160 **Cook's**, forged steel.
- D-165 **De Vilbiss'**, opening parallel.
- *D-170 **Gant's**, operating.
- D-171 **Gant's**, plain.
- *D-172 **Gant's**, fenestrated.
- D-175 **Kelsey's**, folding handles.

- D-178 **O'Neil's**, fenestrated, with slide.
- *D-180 Plain, bivalve, hinged.
- D-185 **Pratt's**, small and large.
- D-186 **Pratt's**, sigmoid.
- D-187 **Pratt's**, trivalve.
- D-190 **Sim's**, plain.
- D-191 **Sim's**, fine steel, fenestrated blades.



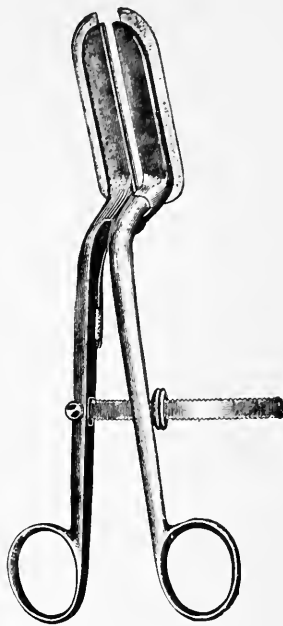
D-200



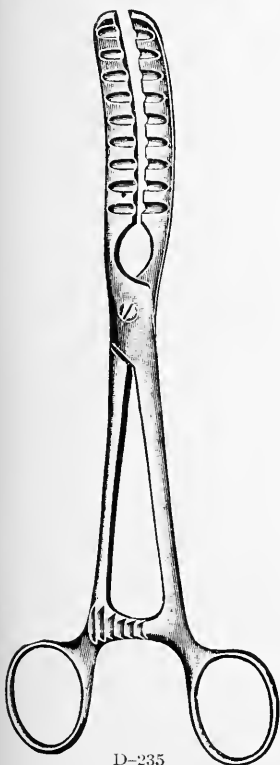
D-225



D-215



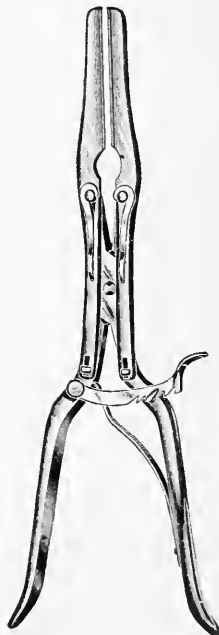
D-220



D-235

Haemorrhoidal Clamps

- D-200 **Cook's.**
- *D-205 **Earle's**, angular on flat.
- *D-210 **Gant's**, steel.
- D-215 **Jarvis'.**
- D-220 **Jones'**, ivory faced.
- D-225 **Kelsey's.**
- *D-230 **Linn's**, curved on edge.
- D-235 **McLain's.**
- *D-240 **Matthew's.**
- *D-245 **Mathieu's**, ivory faced blades.
- D-250 **Murray's**, parallel pressure.
- *D-255 **Smith's**, ivory faced blades.



D-250



D-315



D-311

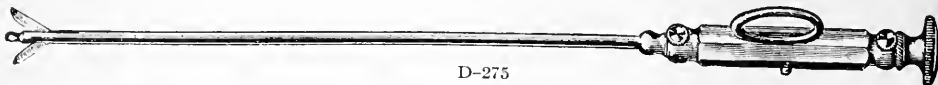


D-270

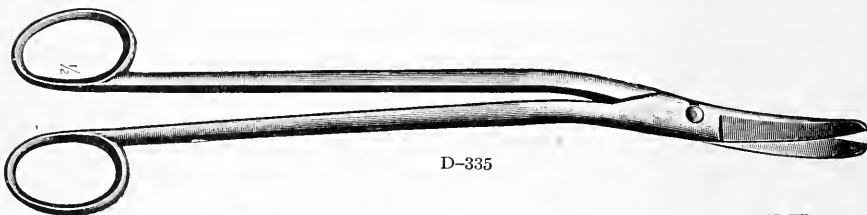


D-320

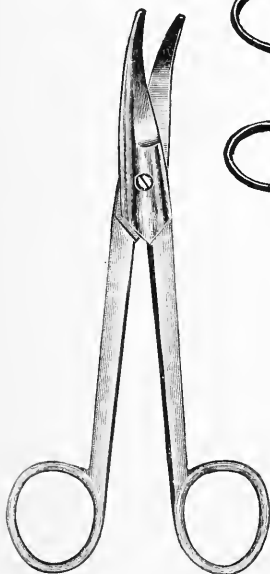
D-340



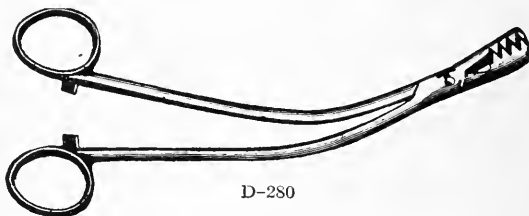
D-275



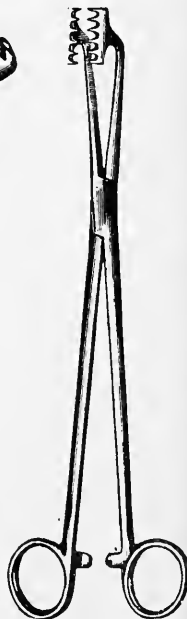
D-335



D-330



D-280



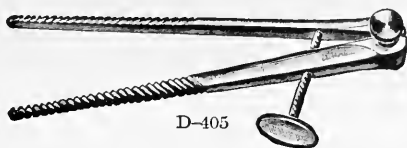
D-306

Sundry Rectal Instruments

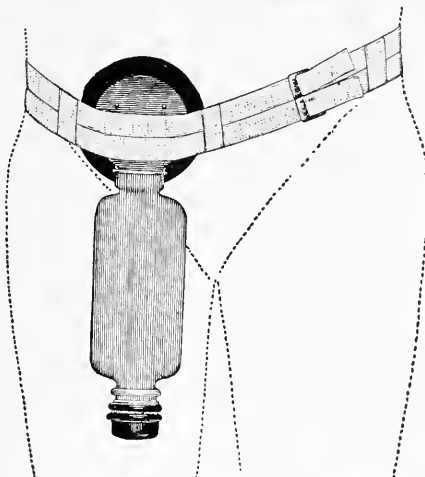
- *D-265 Applicator, **Kelly's**.
- D-270 Curette, **Kelly's**.
- D-275 Fistulatome, **Matthew's**.
- D-280 Forceps, **Gant's**.
- *D-285 Forceps, **Kelly's**, with alligator jaw.
- *D-290 Forceps, **Pratt's**, packing.
- *D-295 Forceps, **Pratt's**, T-shaped, straight.
- *D-300 Forceps, **Pratt-Smith's**, T-shaped, straight.
- *D-305 Forceps, **Tuttle's**, dressing.
- D-306 Forceps, **Tuttle's**, pile.
- *D-310 Hook, **Edwards'**, sharp.
- D-311 Hook, **Edwards'**, blunt.
- D-315 Hook, **Pratt's**, sharp.
- *D-316 Hook, **Pratt's**, blunt.
- D-320 Needle, injecting, with guard.
- *D-325 Probe, plated, with handle.
- *D-326 Probe, silver, with handle.
- D-330 Scissors, **Murray's**, curved on flat, with Mayo dissecting blades, $5\frac{1}{2}$ inches and $6\frac{1}{4}$ inches.
- D-335 Scissors, **Pratt's**, improved.
- D-340 Sponge Holder, **Kelly's**.



D-395



D-405



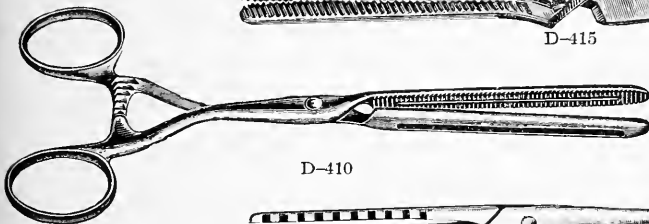
D-355-356



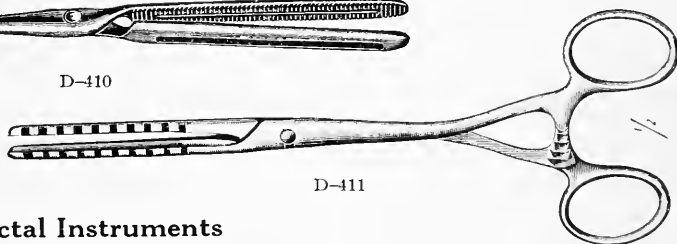
D-396



D-415



D-410



D-411

Rectal Instruments

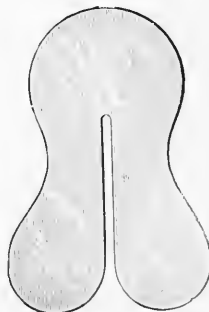
Colostomy Pouches

- *D-350 French pattern, for left side.
- *D-351 French pattern, for either side.
- D-355 **Hofstetter's**, made entirely of soft rubber, clings close to body preventing any leak, the most satisfactory device made. Complete with one pouch.
- D-356 **Hofstetter's**, extra colostomy pouches with hard rubber caps.

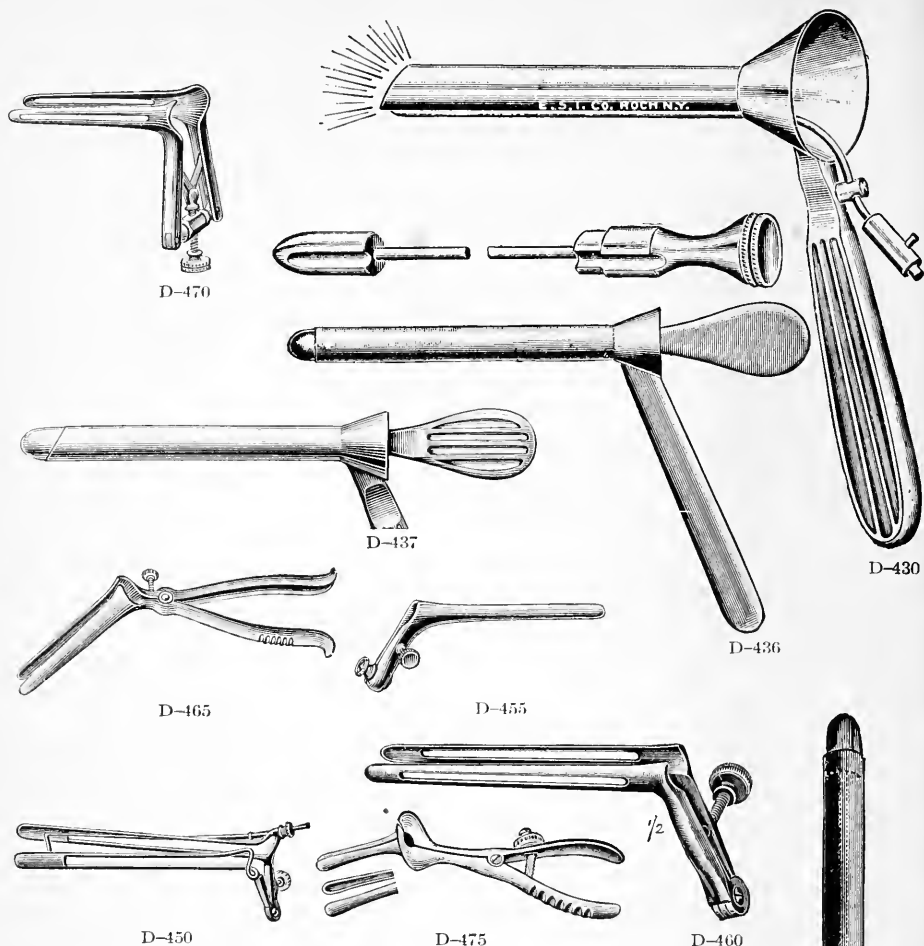
Urethral Instruments

Phimosis Forceps

- *D-380 **Baird's**, 3 sizes.
- *D-385 **Briggs'.**
- *D-390 **Girdner's**, prepuce dilator.
- D-395 **Haslam's**, straight, for bloodless operation.
- D-396 **Haslam's**, curved, for bloodless operation.
- *D-400 **Knox's.**
- D-405 **Levis'**, prepuce dilator.
- D-410 **Ricord's.**
- D-411 **Ricord-Tortat's.**
- D-415 **Skillern's**, straight.
- *D-416 **Skillern's**, curved.
- D-420 Shield, circumcision.



D-420

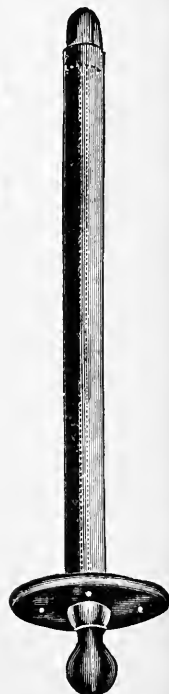


Urethral Endoscopes

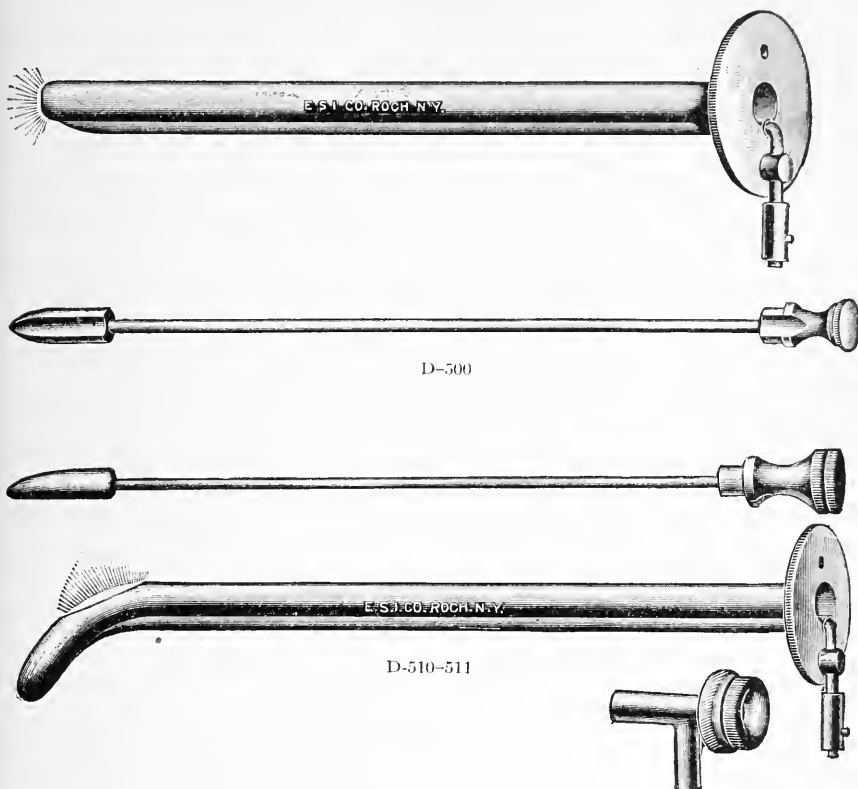
- D-430 **Kelly's** electrically lighted, 3 sizes, 28, 30 and 32 French scale, complete with obturator and light carrier.
 D-431 Extra lamps, **E. S. I. Co.** No. 2.
 *D-435 **Kelly-Gargean's**, with drain.
 D-436 **Kelly's**, 16 sizes, 5 to 20 mm. in diameter.
 D-437 **Kelly's**, oblique end, 16 sizes, 5 to 20 mm. in diameter.
 D-440 **Klotz's**, plated, sizes Nos. 20, 24 and 26 French.
 D-441 **Klotz's**, silver, sizes Nos. 20, 22, 24 and 26 French.
 *D-445 **Otis's**, plated, sizes Nos. 20, 22, 24 and 26 French.

Urethral Specula

- D-450 **Brown's**.
 D-455 **Caro's**, short or long.
 D-460 **Farka's**.
 D-465 **Pratt's**.
 D-470 **Sampson's**.
 D-475 **Skene's**, bivalve.
 *D-480 **Smith's**, urethroscope.



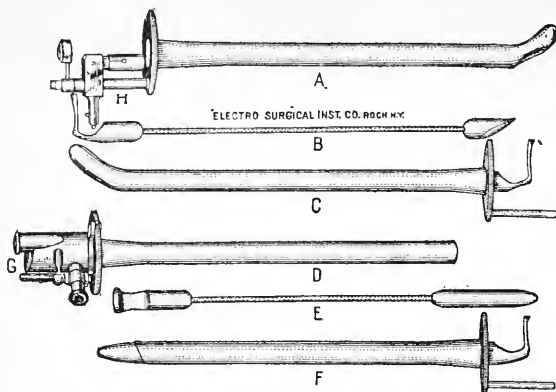
D-440-441



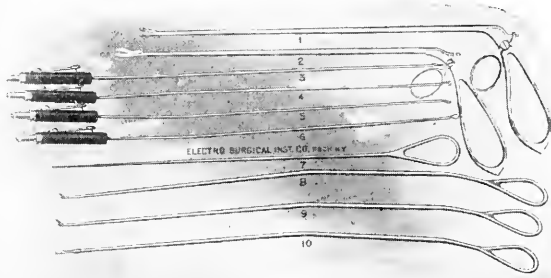
Urethroscopes, Electrically Lighted

- D-500 **Koch's**, E. S. I. Co., complete, sizes, 18 to 33 French, 8, 12, or 15 cm. length.
- *D-501 Extra light carrier only for above.
- *D-502 Extra lamps for above. **E. S. I. Co. No. 2.**
- *D-505 **McGowan's**, E. S. I. Co., with aspirating tube, complete, sizes 22 and 24 French, 12 or 15 cm. length.
- *D-506 Extra light carrier for above.
- *D-507 Extra lamps for above. **E. S. I. Co. No. 2.**
- D-510 Swinburne's, posterior, E. S. I. Co., complete, with obturator and light carrier, sizes 22, 24 and 26 French, 16 cm. length.
- D-511 Swinburne's, posterior, same as above, but with window and dilating bulb.
- *D-512 Extra light carrier for above.
- *D-513 Extra lamps for above. **E. S. I. Co. No. 2.**

Illustrated descriptive catalogue of all electrically lighted instruments made by the Electro Surgical Instrument Co. furnished on request.



D-520-523



D-535-541

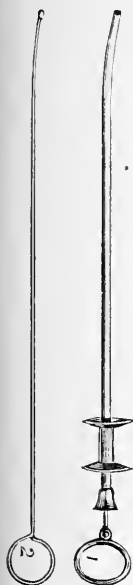
Urethroscopes, Electrically Lighted

- D-515 **Braasch's**, with median bar excisor, **E. S. I. Co.**, size 26 French, 17 cm. long, complete with extra lamp.
- D-516 **Braasch's**, same as above, complete in leather case.
- D-517 Extra cutting tubes for above.
- *D-518 Dilating bulb for above.
- *D-519 Extra lamps for above. **E. S. I. Co.** No. 11.
- D-520 **Young's** Urethroscope, **E. S. I. Co.**, straight, sizes 26 and 28 French, plated or silver, Figs. D, E, F.
- D-521 **Young's** Urethroscope, beaked, sizes 26 and 28 French, plated or silver, Figs. A, B, C.
- D-522 **Young's** Light Attachment, Fig. H.
- D-523 **Young's** Dilating Window, Fig. G.
- *D-524 Extra lamps for above. **E. S. I. Co.** No. 4.
- *D-525 **Young's**, median bar excisor, complete with light attachment.
- *D-526 **Young's** Median Bar Excisor, same as above, in leather case.
- *D-527 Extra cutting tubes for above.
- D-535 **Young's** Intra-Urethral Rongeur, Fig. 1.
- D-536 **Young's** Intra-Urethral Scissors, Fig. 2.
- D-538 **Young's** Intra-Urethral Cautery Electrodes, Figs. 3, 4, 5 and 6.
- D-539 **Young's** Intra-Urethral Probe, Fig. 7.
- D-540 **Young's** Intra-Urethral Currettes, Figs. 8 and 9.
- D-541 **Young's** Intra-Urethral Porte Cautique, platinum jaws, Fig. 10.

Illustrated descriptive catalogue of all electrically lighted instruments made by the Electro Surgical Instrument Co. furnished on request



D-515-517



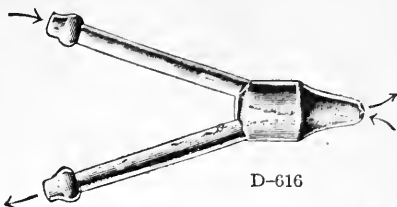
D-580



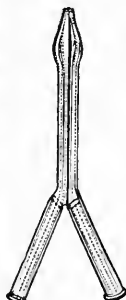
D-585



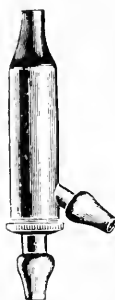
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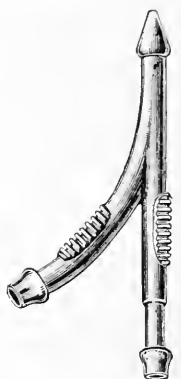
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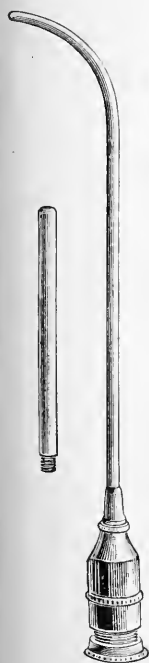
D-610



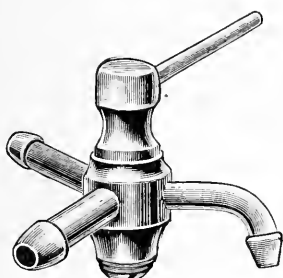
D-600



D-620



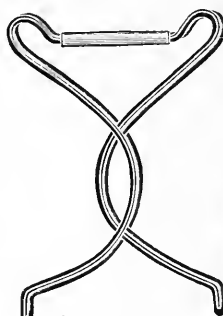
D-575



D-630



D-605



D-655

Urethral Applicators

- *D-555 Ayer's, tablet depositor.
- D-560 Guyon's Catheters, drop tube.
- *D-565 Lewis', tablet depositor.
- *D-570 Mitchell's, for medicated bougies.
- D-575 Robbins', ointment, with 1 straight and 1 curved tube.
- D-576 Robbins', ointment, with short curve and prostatic tube.
- D-580 Rucker's, gauze packer.
- D-585 Young's, ointment.

Urethral Nozzles, Irrigator

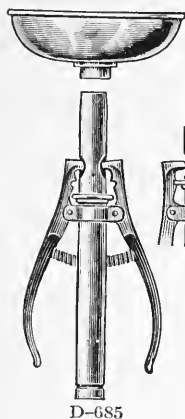
- D-600 Berger's, metal.
- D-605 Chetwood's, glass, 3 sizes.
- D-610 Janet's, glass.
- *D-615 Kieffer's, glass.
- D-616 Kieffer's, metal.
- D-620 Pancoast's, improved.
- *D-625 Pattee's, Y, metal.
- D-630 Pooles' Perfection Stop-cock.
- *D-635 Young's.

Urethral Compression Clamps, Penis

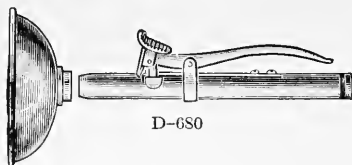
- *D-650 Smith's, for holding solutions in urethra.
- D-655 Zepser's, for holding solutions in urethra.



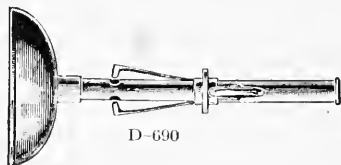
D-576



D-685



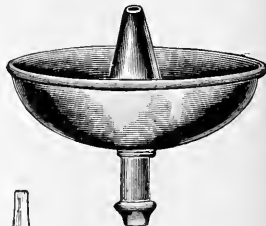
D-680



D-690



D-660



D-665-666



D-707



D-702



D-701



D-700



D-706



D-708



D-703-704



D-705

Urethral Nozzles

- D-660 Booger's, glass, with shield, $2\frac{1}{4}$, $2\frac{1}{2}$ and $2\frac{3}{4}$ inches.
- D-665 Wigmore's, metal, with shield.
- *D-666 Wheeler's, soft rubber, with shield.

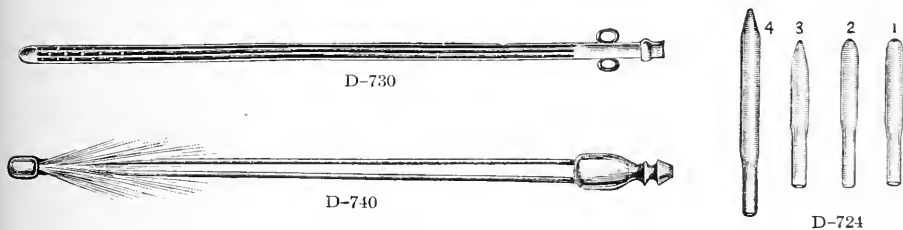
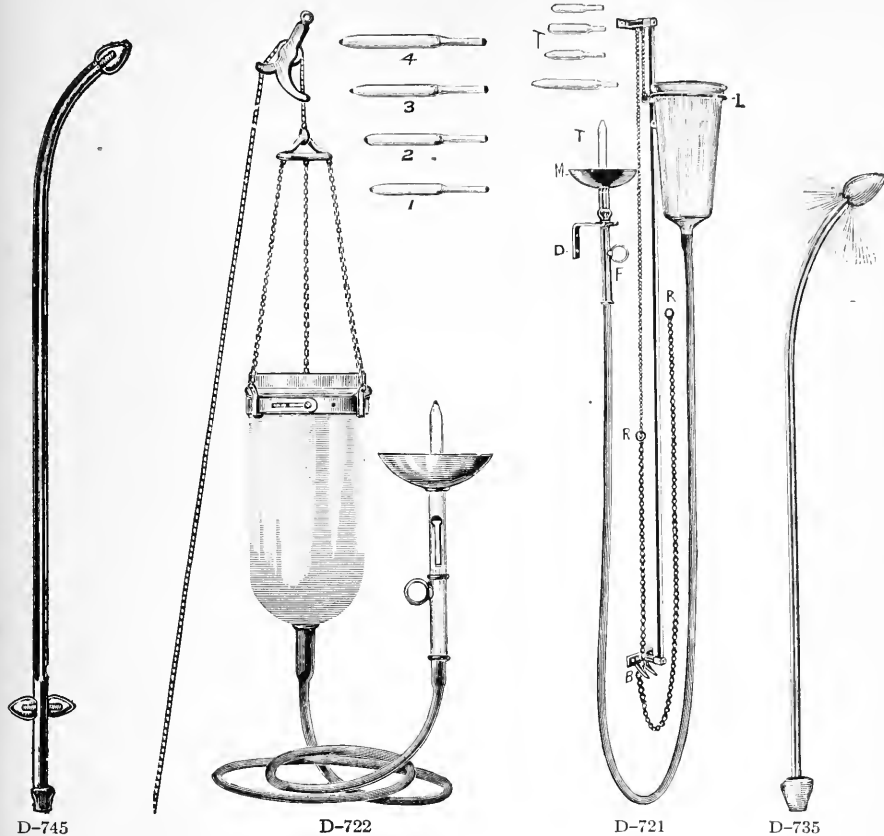
Urethral Irrigator Cut-offs

- *D-675 Chetwood's, alternating.
- D-680 Goldsmith's, with shield.
- D-685 Kean's, improved, with shield.
- D-690 Valentine's, with shield.

Urethral Syringes (see pages 26 to 29)

Injection Syringes

- D-700 Urethral Injection Syringe, $\frac{1}{4}$ ounce, glass barrel, hard rubber mounted.
- D-701 Urethral Injection Syringe, $\frac{1}{4}$ ounce, glass barrel, hard rubber mounted.
- D-702 Urethral Injection Syringe, $\frac{1}{4}$ ounce, glass barrel, hard rubber mounted.
- D-703 Urethral Injection Syringe, $\frac{1}{2}$ ounce, glass barrel, hard rubber mounted and soft rubber tip.
- D-704 Urethral Injection Syringe, 1 ounce, glass barrel, hard rubber mounted and soft rubber tip.
- D-705 Urethral Injection Syringe, $\frac{1}{4}$ ounce, all hard rubber.
- D-706 Urethral Injection Syringe, $\frac{1}{4}$ ounce, glass.
- D-707 Urethral Tips, soft rubber.
- D-708 Urethral Tip, soft rubber.

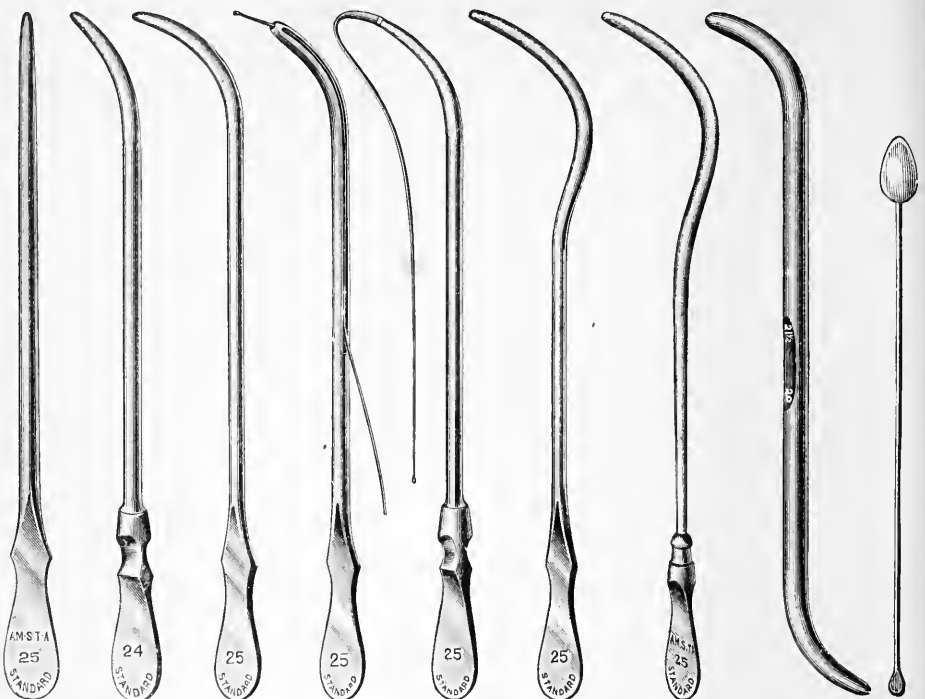


Urethral Irrigators

- *D-720 Valentine's, with plain bracket.
- D-721 Valentine's, with sliding metal bracket.
- D-722 Valentine's, with automatic stop pulley.
- *D-723 Valentine's, frame only for D-722.
- D-724 Valentine's, glass tips, 4 styles, Nos. 1, 2, 3 and 4.

Urethral Retrojectors

- D-730 Anglin's, straight.
- *D-731 Anglin's, curved.
- D-735 Durham's.
- D-740 Johnson's.
- D-745 Pratt's, with 3 sizes of olives.



D-830 D-840 D-850 D-820 D-835 D-810 D-825 D-845 D-780



D-785



D-795



D-792



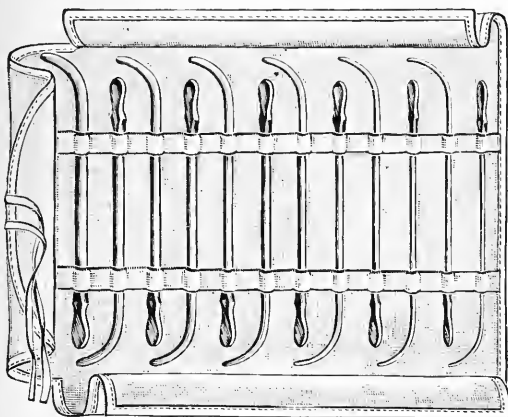
D-800

Urethral Bougies—Exploring

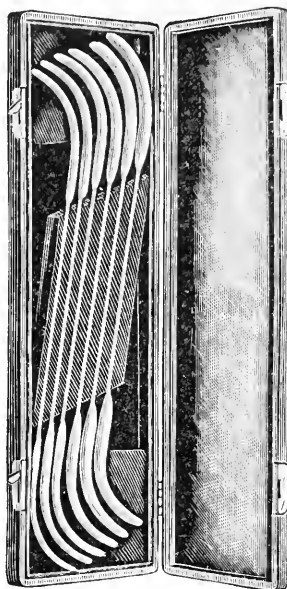
- | | | | |
|--------|--|--------|--|
| D-780 | Otis', metal, sizes 8 to 40 French. | D-795 | Gouley's Filiform, whalebone, straight, olive point. |
| D-785 | Bang's, filiform, whalebone. | *D-796 | Gouley's Filiform, whalebone, straight, double end, olive point. |
| *D-790 | Filiform, with exploring bulb, silk web, sizes 3 to 12 French. | *D-797 | Gouley's Filiform, whalebone, angular, olive point. |
| *D-791 | Filiform, with exploring bulb, silk web, spiral, sizes 3 to 12 French. | *D-798 | Gouley's Filiform, whalebone, spiral, olive point. |
| D-792 | Filiform, silk web, olive point. | D-800 | Le Fort's Filiform, silk web, olive point, female thread. |
| *D-793 | Filiform, silk web, spiral, olive point. | | |

Urethral Dilating Metal Sounds

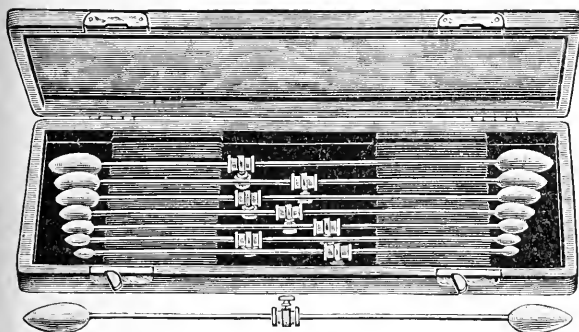
- | | | | |
|--------|---|--------|--|
| D-810 | Benique's, double curve, 14 to 30 French, one piece or two piece. | D-835 | LeFort's, exploring, with filiform guide, extra fine. |
| *D-815 | Fowler's, double end. | D-840 | Otis', curved, 8 to 40 French, one piece or two piece. |
| D-820 | Gouley's, tunnelled, for filiform bougie. | D-845 | Pratt's, double curved, 16 sizes, male. |
| D-825 | Ideal, tapering toward the handle, Guyon curve, 8 to 40 French, one piece or two piece. | *D-846 | Pratt's, double curved, 16 sizes, female. |
| *D-826 | Ideal, tapering toward the handle, Van Buren curve, 8 to 40 French, one piece or two piece. | D-850 | Van Buren's, curved, 8 to 40 French, one piece or two piece. |
| D-830 | Jewett's, straight, 8 to 40 French, one piece or two piece. | *D-851 | Van Buren's, curved, cupped, one piece or two piece. |



D-890



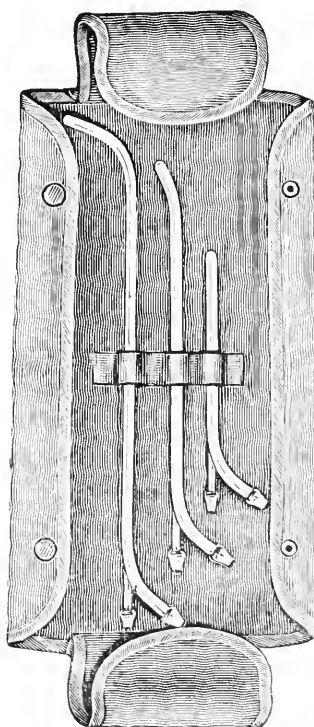
D-861



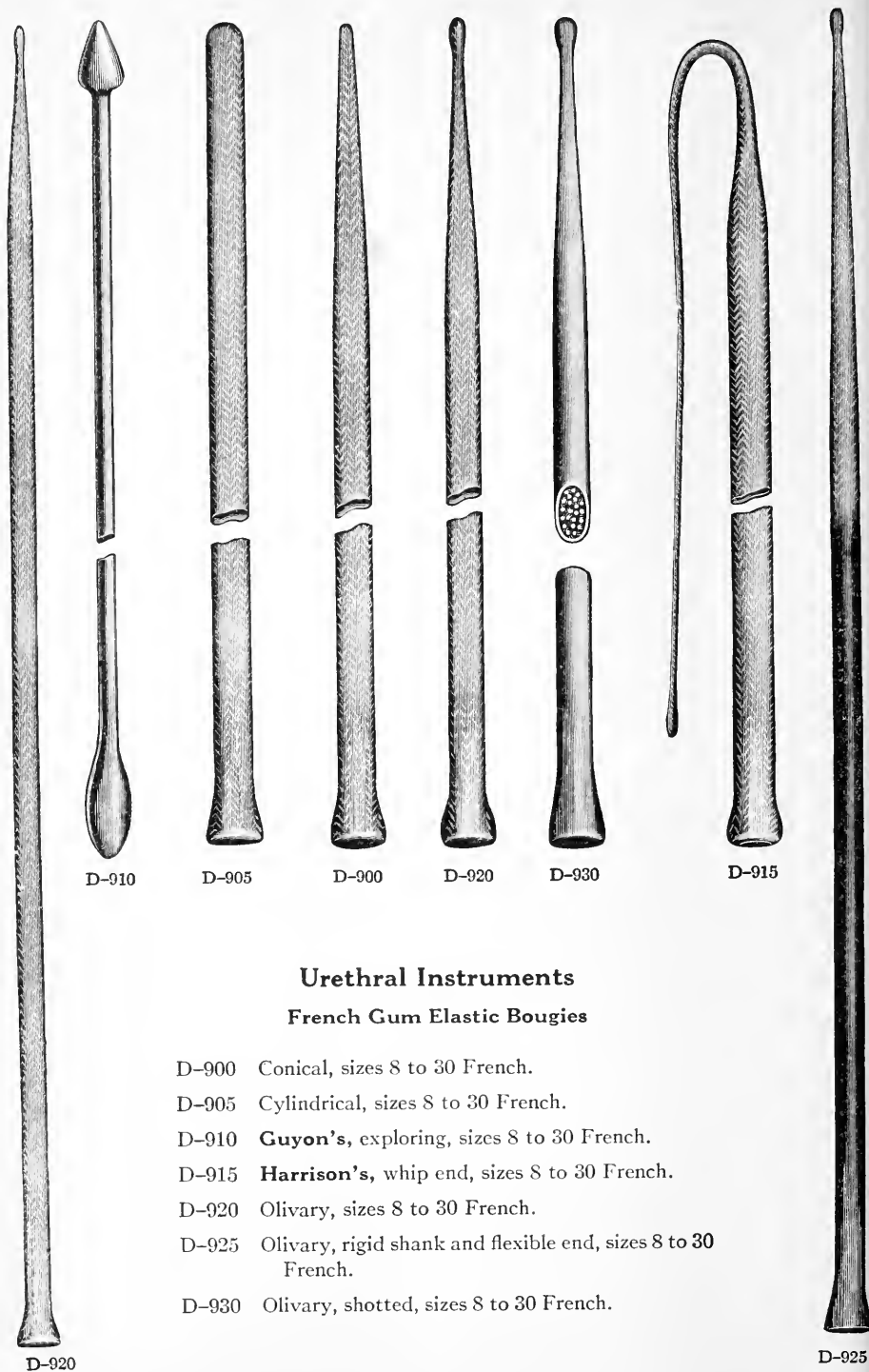
D-860

Urethral Sounds in Sets

- D-855 **Brown's** Set of Heating Sounds, in khaki roll.
- D-860 **Fowler-Otis'**, set of 8 sounds (16 sizes), in leather covered case.
- D-861 **Fowler's**, set of 6 sounds (12 sizes), in leather-covered case.
- *D-865 **Kelly's**, set of 8 sounds (16 sizes, 5 to 20 mm. diameter), female, in heavy canvas roll.
- *D-870 **LeFort-Hume's**, set of 3 sounds, 1 catheter and 2 **LeFort's** filiform guides, in case.
- *D-875 **LeFort's**, set of 3 dilating sounds, Nos. 12, 17 and 22, French scale, with 2 filiform guides, in case.
- *D-880 **Otis'**, set of 32 sounds, exploring, in heavy canvas roll.
- *D-885 **Van Buren's**, set of 6 sounds, in leather-covered or oak case.
- *D-886 **Van Buren's**, set of 6 sounds, in heavy canvas roll.
- *D-887 **Van Buren's**, set of 8 sounds, one piece, in leather-covered or oak case.
- *D-888 **Van Buren's**, set of 8 sounds, one piece, in heavy canvas roll.
- *D-889 **Van Buren's**, set of 12 sounds, in leather-covered or oak case.
- D-890 **Van Buren's**, set of 12 sounds, in heavy canvas roll.
- *D-891 **Van Buren's**, set of 32 sounds, in leather-covered or oak case.
- *D-892 **Van Buren's**, set of 32 sounds, in heavy canvas roll.
- *D-895 **Weiss'**, set of 6 sounds (12 sizes), in leather-covered case.



D-855



Urethral Instruments

French Gum Elastic Bougies

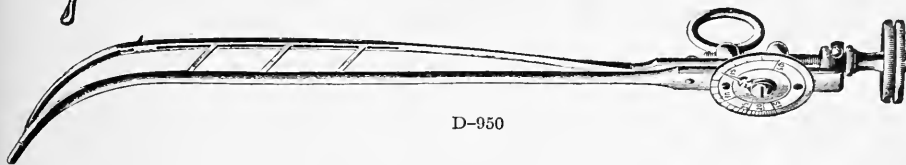
- D-900 Conical, sizes 8 to 30 French.
- D-905 Cylindrical, sizes 8 to 30 French.
- D-910 **Guyon's**, exploring, sizes 8 to 30 French.
- D-915 **Harrison's**, whip end, sizes 8 to 30 French.
- D-920 Olivary, sizes 8 to 30 French.
- D-925 Olivary, rigid shank and flexible end, sizes 8 to 30 French.
- D-930 Olivary, shotted, sizes 8 to 30 French.

D-920

D-925



D-940



D-950



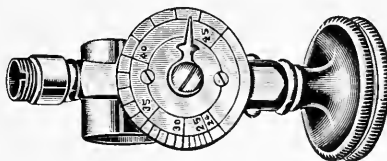
D-951



D-945



D-946



D-947

Urethral Dilators

- D-940 **Gouley's.**
- D-945 **Morton's (Henry H.),** latest modification of Kollmann's irrigating dilator, straight stem only.
- D-946 **Morton's (Henry H.),** same as above, Guyon's curve stem only.
- D-947 **Morton's (Henry H.)** handle only to fit above stems. **Dr. Henry H. Morton's simplified Kollmann** irrigating dilator is the latest and most valuable improvement in irrigating dilators of the Kollman type. Made for Dr. Morton and under his direction by **L. Steiner Manufacturing Co., New York.** Descriptive circular sent on request.
- D-950 **Oberlaender's, Van Buren** curve.
- D-951 **Oberlaender's,** long, slight curve.
- D-952 **Oberlaender's,** short, slight curve.
- D-955 **Thompson's.**

Urethrameter

- D-960 **Otis',** with hinged head.



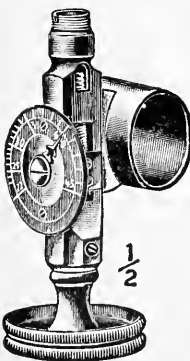
D-952



D-960



D-971



D-979



D-972



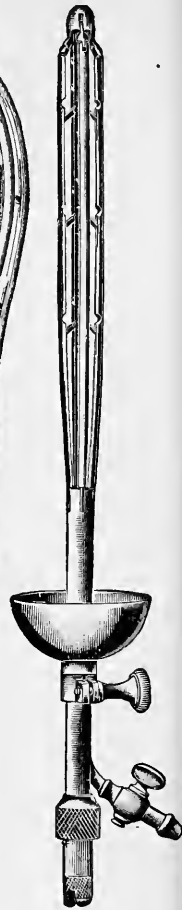
D-973



D-974



D-975



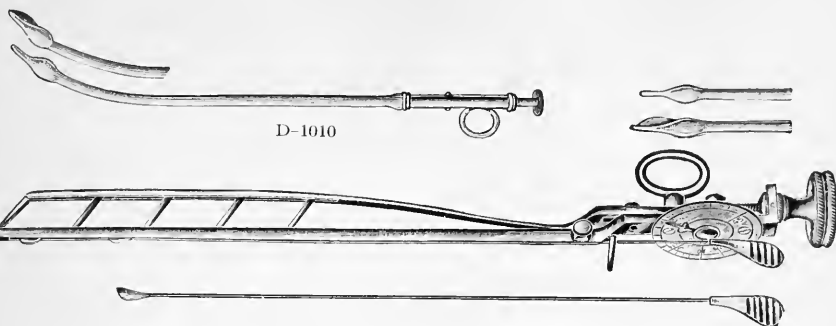
D-976



D-980

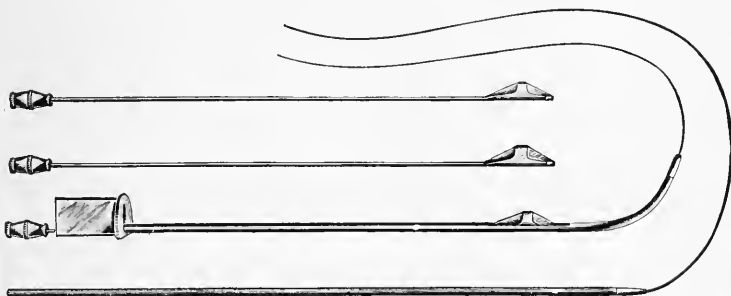
Urethral Dilators

- *D-970 **Kollmann's**, straight, short dilating blades.
- D-971 **Kollmann's**, straight, long dilating blades.
- D-972 **Kollmann's**, curved, short dilating blades.
- D-973 **Kollmann's**, curved, long dilating blades.
- D-974 **Kollmann's**, Guyon curve, short dilating blades.
- D-975 **Kollmann's**, Guyon curve, long dilating blades.
- D-976 **Kollmann's**, irrigating straight, long dilating blades.
- *D-977 **Kollmann's**, irrigating, curved, long dilating blades.
- *D-978 **Kollmann's**, irrigating, Guyon curve, long dilating blades.
- D-979 **Kollmann's** Universal Handle to fit the above.
- D-980 **Gentil-Kollmann's** Universal Handle to fit the above.
- *D-981 **Kollmann's** Covers, rubber, for Kollmann old style dilators.

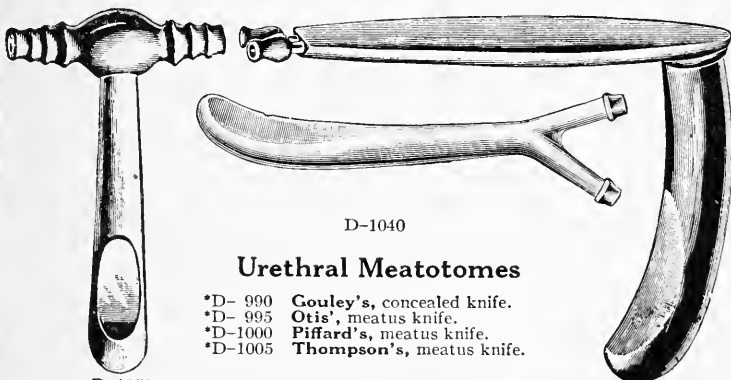


D-1010

D-1021



D-1015-1016



D-1050

D-1045

Urethral Meatotomes

- *D- 990 **Gouley's**, concealed knife.
- *D- 995 **Otis's**, meatus knife.
- *D-1000 **Piffard's**, meatus knife.
- *D-1005 **Thompson's**, meatus knife.

Urethratomes

- D-1010 **Gross's**, straight or curved, blade cutting forward.
- *D-1011 **Gross's**, exploratory, blade cutting backward.
- *C-1015 **Maisonneuve's**, with **Cunningham** safety finger guard, with 2 blades, in case.
- D-1016 **Maisonneuve-Cunningham's**, with 3 blades, in case.
- D-1020 **Otis's**, straight or curved, with 2 blades, in case.
- D-1021 **Otis's**, improved, straight or curved, with blade in exploring shield which finds stricture without measuring, with 2 blades, in case.
- D-1022 **Otis-Wyeth's**, straight or curved, with 2 blades, in case.

Prostatic and Rectal Coolers

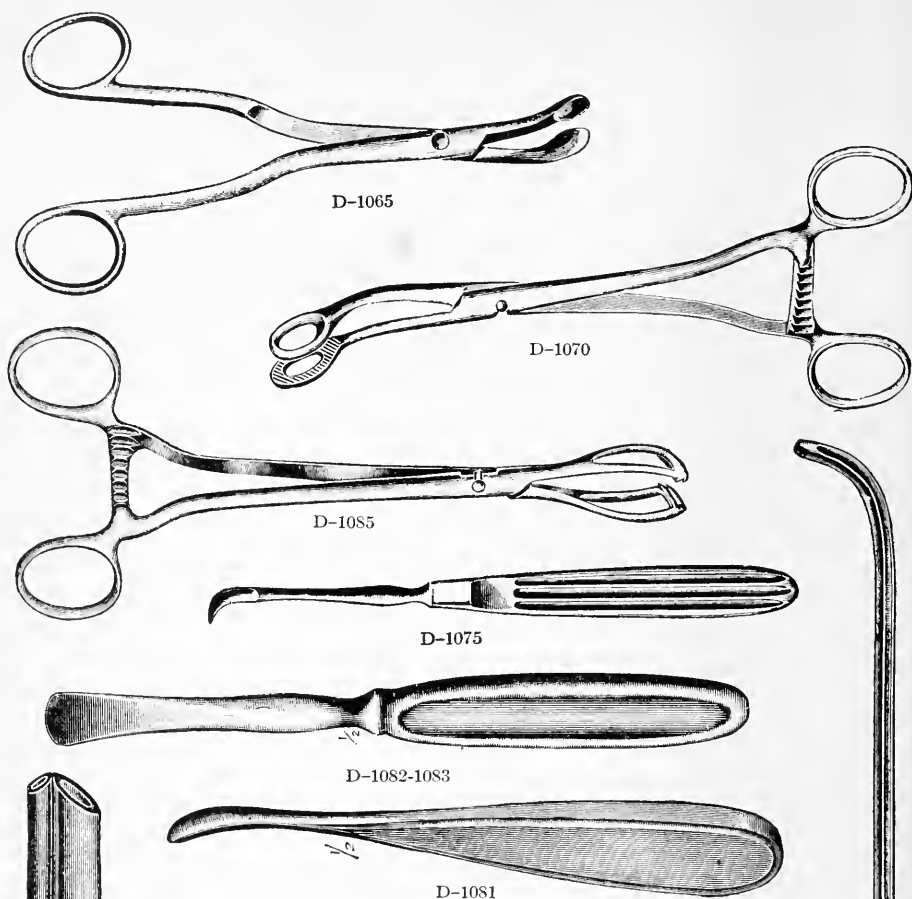
- *D-1030 **Adams's**.
- *D-1035 **Blanchard's**.
- D-1040 **Eissner's**.
- D-1045 **Van der Poel's**.
- D-1050 **Wiener's**.



D-1020

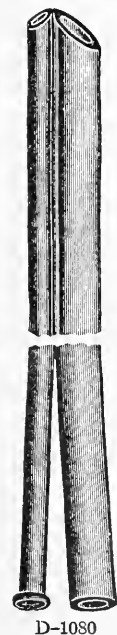


D-1022



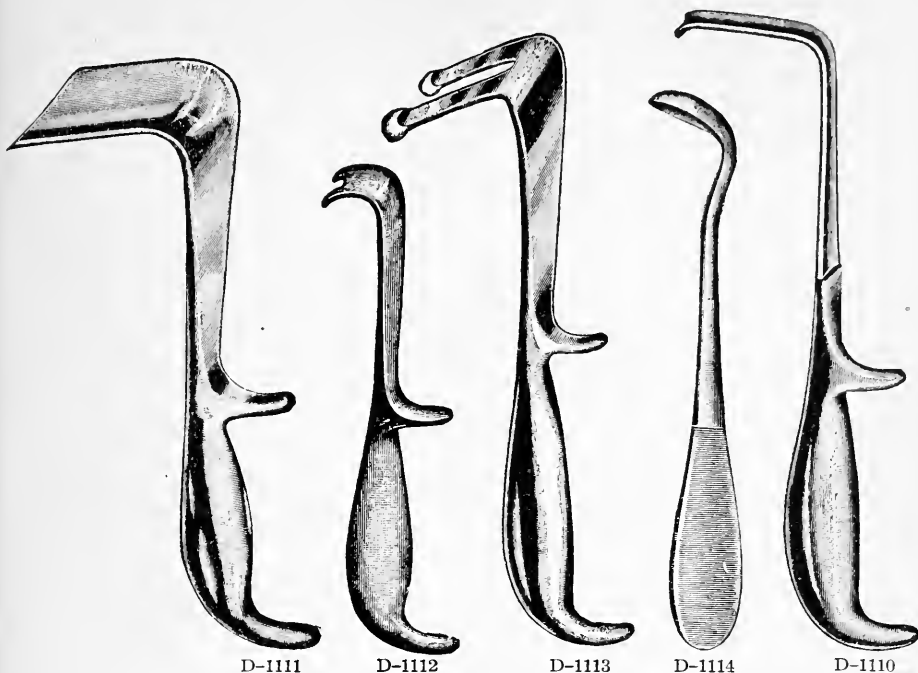
Prostatic Instruments

- D-1065 **Ferguson's** Cutting Forceps.
- *D-1066 **Ferguson's** Depressor.
- D-1067 **Ferguson's** Staff.
- *D-1068 **Ferguson's** Silver Drainage Tube.
- D-1070 **Guiteras'** Tearing Forceps.
- D-1075 **Mayo-Allen's** Knife.
- *D-1076 **Mayo's** Drainage Tube, double, soft rubber.
- D-1080 **Young's** Drainage Tube, double, soft rubber, 5 sizes.
- D-1081 **Young's** Enucleator.
- D-1082 **Young's** Dissector, blunt.
- D-1083 **Young's** Dissector, sharp.
- *D-1084 **Young's** Grooved Staff.
- D-1085 **Young's** Lobe Forceps, small and large.



D-1080

D-1067



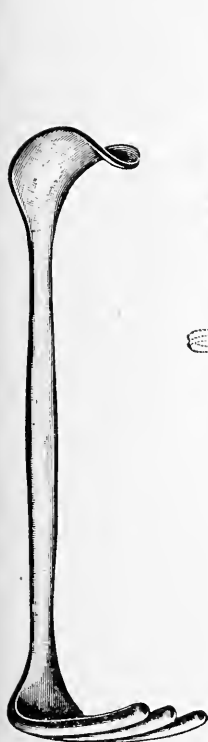
D-1111

D-1112

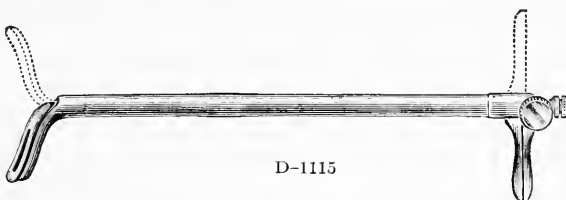
D-1113

D-1114

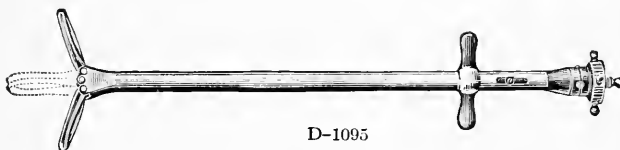
D-1110



D-1090



D-1115



D-1095



D-1105

Prostatic Instruments

- D-1090 **Guiteras' Retractor**, double, steel.
- D-1095 **Markley's Tractor**.
- *D-1100 **Parker-Syms Tractor**, soft rubber with metal stylet.
- D-1105 **Swinburne's Masseur**.
- D-1110 **Young's Retractor**, small, blade $\frac{1}{2}$ -inch wide.
- D-1111 **Young's Retractor**, large, blade $1\frac{3}{4}$ -inches wide.
- D-1112 **Young's Retractor**, bifid, small.
- D-1113 **Young's Retractor**, bifurcated, large.
- D-1114 **Young's Retractor**, spoon shape.
- D-1115 **Young's Tractor**.



Urethral Instruments

Soft Rubber Catheters

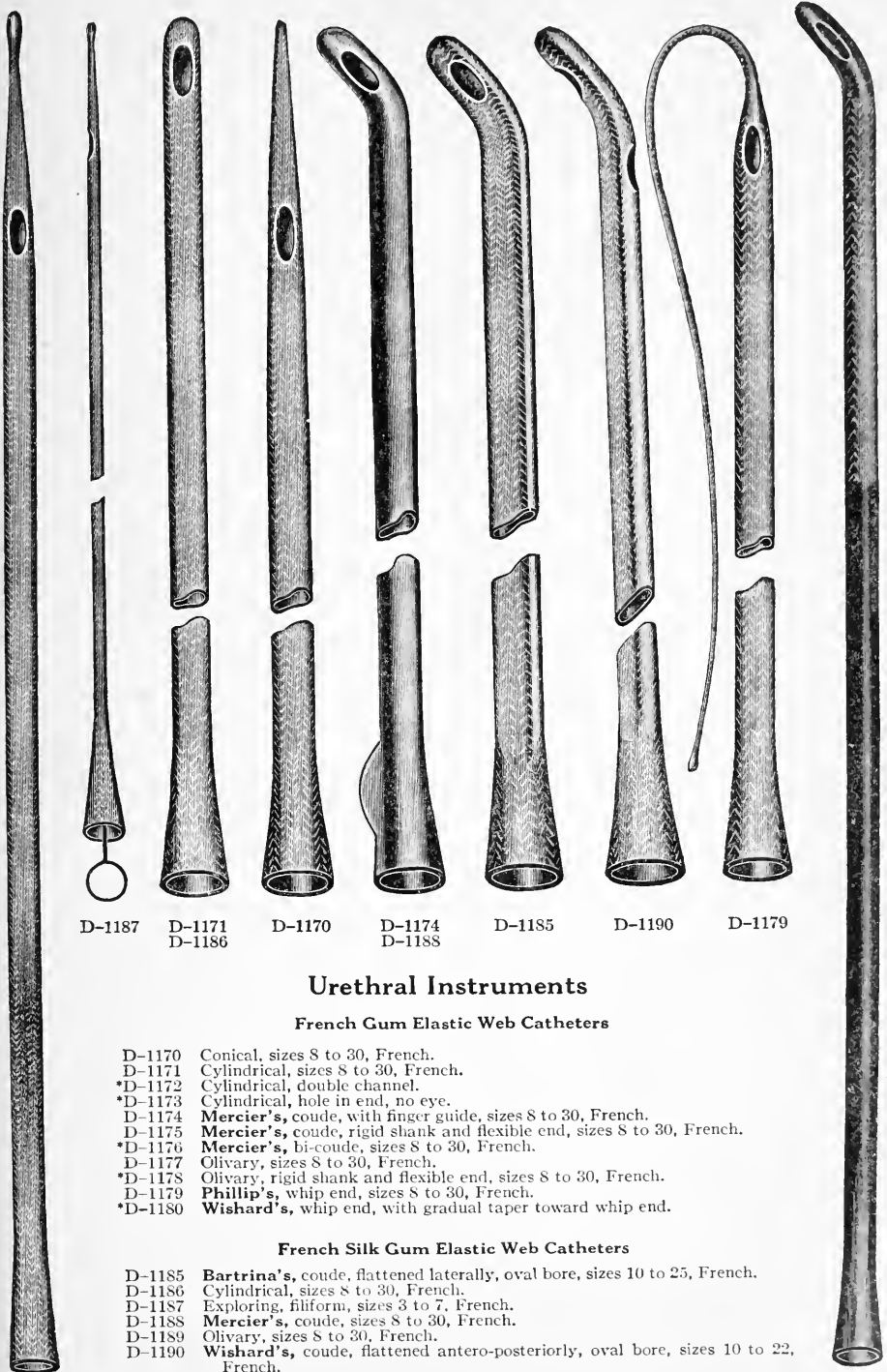
- D-1130 **Malecot's**, with 2 wings.
- D-1131 **Malecot's**, with 4 wings.
- D-1135 **Nelaton's**, with funnel end.
- D-1140 **Pezzer's**, with raised top.
- D-1141 **Pezzer's**, with mushroom top.

Web Catheters

- *D-1145 English, ordinary brown web, with stylet, sizes 1 to 12.

Catheter Sundries

- D-1150 Catheter Guide, **Benique's**.
- D-1151 Catheter Guide, **Guyon's**.
- *D-1152 Catheter Guide, **Otis'**, spiral.
- D-1155 Catheter Holder, glass, with screw cap.
- *D-1156 Catheter Holder, glass, with screw caps at both ends.



D-1187 D-1171 D-1170 D-1174 D-1185 D-1190 D-1179
 D-1186 D-1188

Urethral Instruments

French Gum Elastic Web Catheters

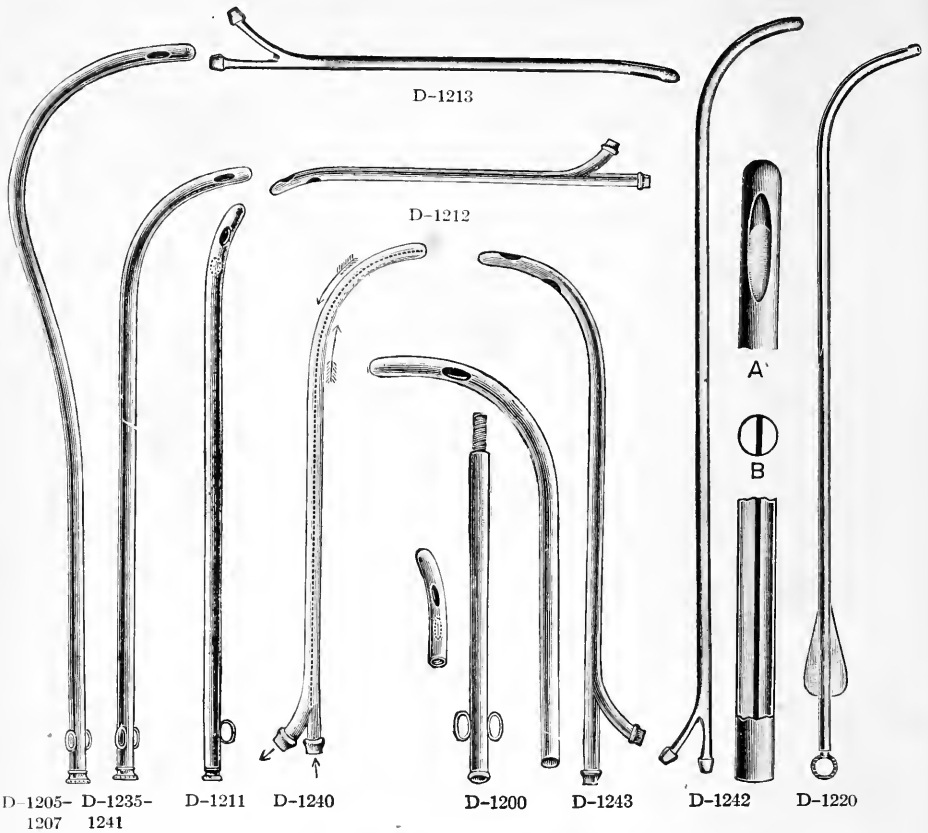
- D-1170 Conical, sizes 8 to 30, French.
- D-1171 Cylindrical, sizes 8 to 30, French.
- *D-1172 Cylindrical, double channel.
- *D-1173 Cylindrical, hole in end, no eye.
- D-1174 **Mercier's**, coude, with finger guide, sizes 8 to 30, French.
- D-1175 **Mercier's**, coude, rigid shank and flexible end, sizes 8 to 30, French.
- *D-1176 **Mercier's**, bi-coude, sizes 8 to 30, French.
- D-1177 Olivary, sizes 8 to 30, French.
- *D-1178 Olivary, rigid shank and flexible end, sizes 8 to 30, French.
- D-1179 **Phillip's**, whip end, sizes 8 to 30, French.
- *D-1180 **Wishard's**, whip end, with gradual taper toward whip end.

French Silk Gum Elastic Web Catheters

- D-1185 **Bartrina's**, coude, flattened laterally, oval bore, sizes 10 to 25, French.
- D-1186 Cylindrical, sizes 8 to 30, French.
- D-1187 Exploring, filiform, sizes 3 to 7, French.
- D-1188 **Mercier's**, coude, sizes 8 to 30, French.
- D-1189 Olivary, sizes 8 to 30, French.
- D-1190 **Wishard's**, coude, flattened antero-posteriorly, oval bore, sizes 10 to 22, French.

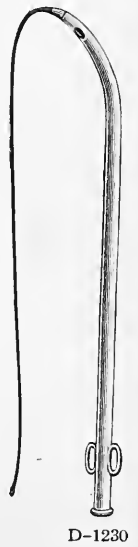
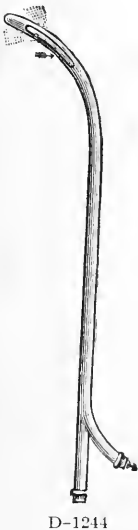
D-1177
D-1189

D-1175



Urethral Catheters, Metal, Male and Female

- D-1200 Combined, male and female, plated and silver.
- *D-1201 Combined, **Parker's**, male and female, with caustic holder, plated and silver.
- D-1205 **Coxeter's**, prostatic, plated.
- D-1206 **Coxeter's**, prostatic, sterling silver.
- D-1207 **Coxeter's**, prostatic, virgin silver, flexible.
- *D-1210 Female, glass.
- D-1211 Female, plated and silver, oval hole or small perforations.
- D-1212 Female, double current, small oval holes, plated and silver.
- D-1213 Female, double current, perfection, with eye and middle wall like Figs. A and B, plated.
- D-1214 Female, double current, **Nott's**, with long lateral openings, like D-1244, plated and silver.
- D-1215 Female, self-retaining, **Skene-Goodman's**, plated and silver.
- D-1220 **Gouley's**, tunneled, sizes from 8 French upward, plated and silver.
- *D-1225 **Gross's**, spiral, plated.
- D-1230 **LeFort's**, with web elastic filiform.
- D-1235 Male, plated, regular, sizes 1 to 18 English scale.
- D-1240 Male, sterling silver, medium and large sizes.
- D-1241 Male, virgin silver, flexible, medium and large sizes.
- D-1242 Male, double current, perfection, with eye and middle wall, like Figs. A and B, plated.
- D-1243 Male, double current, small oval holes, plated and silver.
- D-1244 Male, double current, **Nott's**, with long lateral openings.
- D-1250 **Winternitz's**, cooler (Psychrophor), plated and silver.





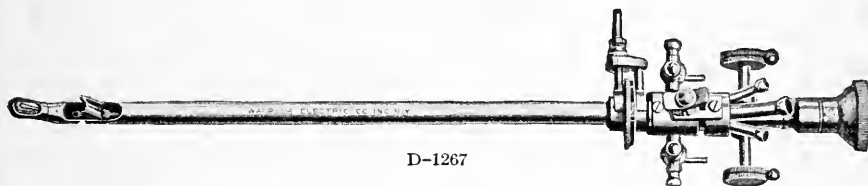
D-1260-1261



D-1262



D-1264



D-1267

Cystoscopes

D-1260 **Braasch**, Direct Catheterization, with double catheter guide, ocular window and extra lamp.
This instrument is also furnished for female use, 14 cm. long, 2S French.

D-1261 **Braasch**, Direct Catheterization, complete as above with 2 silk catheters and dilating bulb.

D-1262 **Braasch**, large single catheter guide only.

*D-1263 Leather-covered case for above cystoscope.

D-1264 **Braasch** Indirect Double Catheterization, with **correct image new lens system showing brilliantly lighted, large field.** With extra lamp.

*D-1265 Braasch's, direct, **child's**, 11 cm. long, 16 French, with single catheter guide, ocular window and extra lamp.

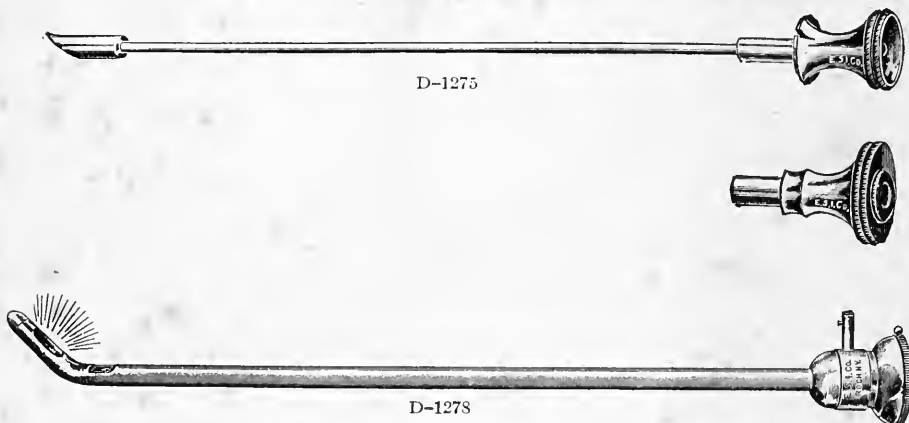
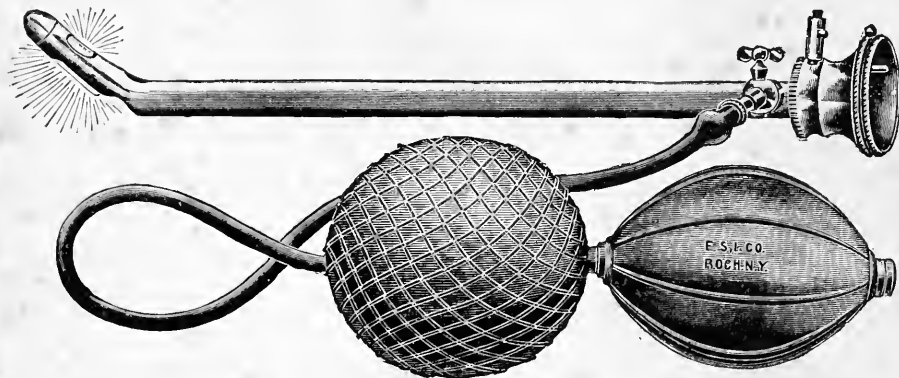
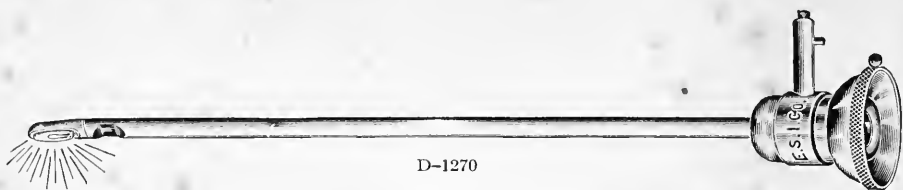
*D-1266 Extra lamps for **Braasch** cystoscopes, E. S. I. Co., No. 11

Braasch Cystoscopes are made exclusively by the Electro Surgical Instrument Co., Rochester, N. Y.

D-1267 **Brown-Buerger**, convertible, examining, catheterizing and operating cystoscope complete with both concave and convex sheaths, obturator, combined catheterizing and operating telescope, removable fin, examining telescope, 2 extra lamps for each sheath. Accessories: 4 plain and 4 perforated small rubber tips, cleaning rod, catheter clip, stop cock, conducting cord, etc., in case.

*D-1268 Extra lamps for above.

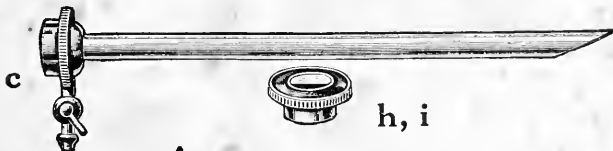
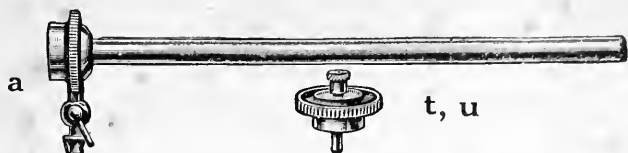
Complete catalogue of Electro Surgical Instrument Co., and Wappler makes of Cystoscopes
sent on request



Cystoscopes

- D-1270 E. S. I. Co., child's or infant's, diagnostic, correct image lens system, complete in metal case, with extra lamp and conducting cords with make-and-break attachment.
- *D-1271 Extra beaks with lamps for above.
- D-1275 E. S. I. Co., diagnostic, male, 20 cm. long, No. 20 French, with extra lamp, obturator and window.
- *D-1276 E. S. I. Co., diagnostic, female, 10 cm. long, No. 28 French, with extra lamp, obturator and window.
- D-1277 Dilating bulb for the above, extra.
- D-1278 E. S. I. Co., Nitze's, diagnostic, 18 French, complete with extra lamp.

Complete catalogue of Electro Surgical Instrument Co., and Wappler makes of
Cystoscopes sent on request.



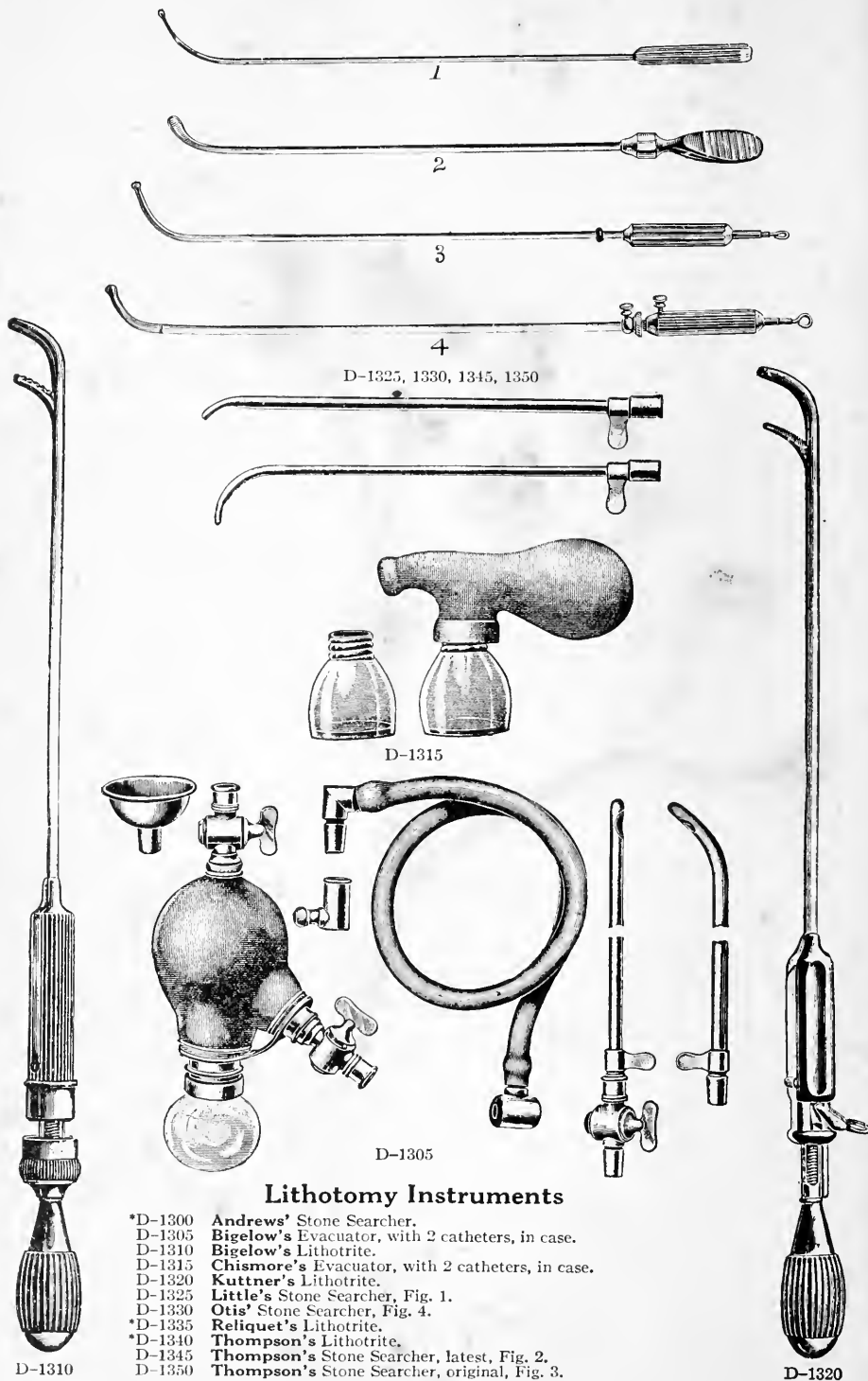
D-1285-1299



Cystoscopes

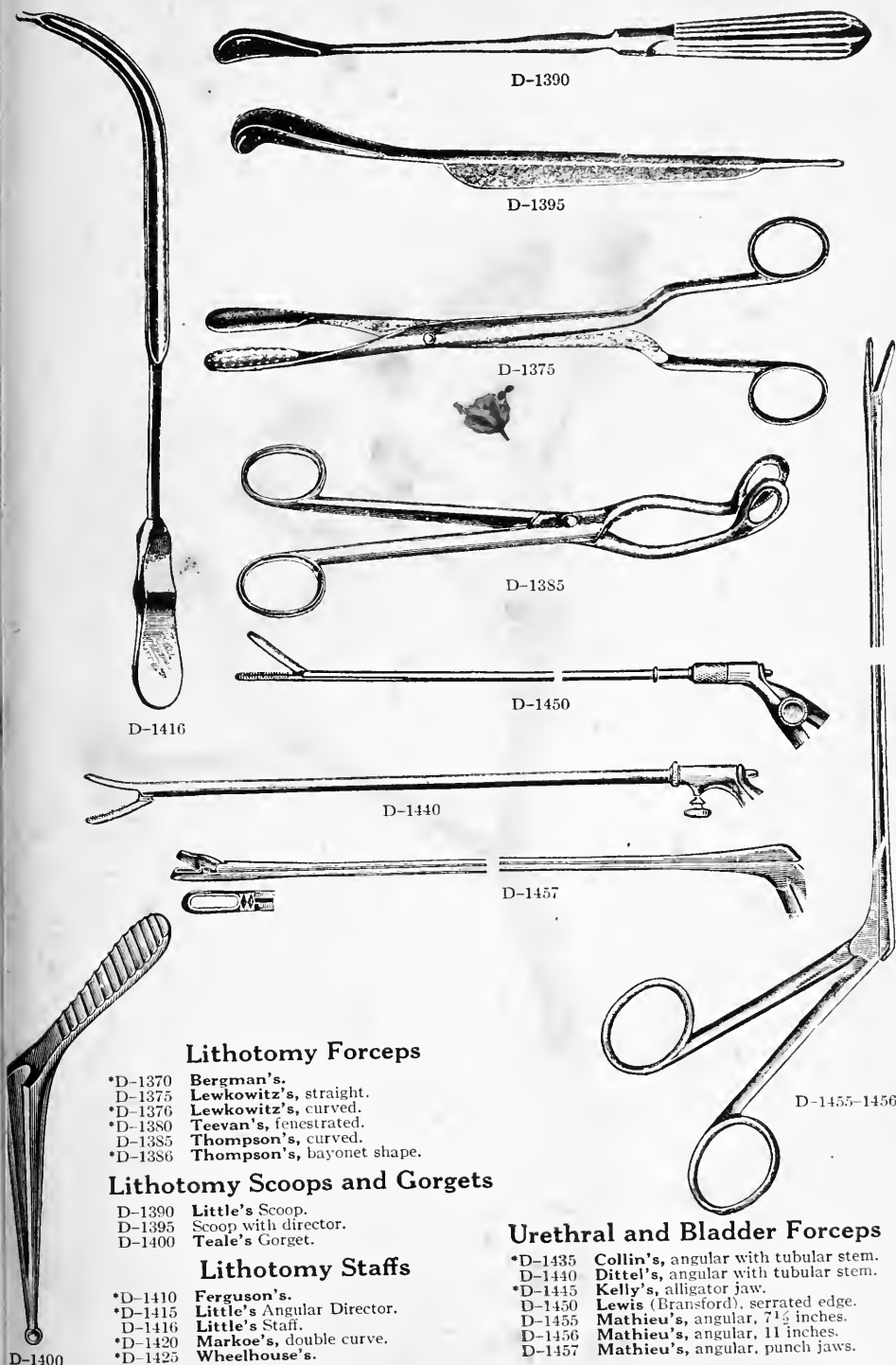
- D-1285 Greenberg's, Fig. a, endoscopic tube, 24 French, with ground ocular or lens, straight end.
- D-1287 Greenberg's, Fig. b, same as Fig. a, end opened on 45-degree angle.
- D-1288 Greenberg's, Fig. c, same as Fig. b, end opened on 30-degree angle.
- D-1289 Greenberg's, Fig. d, straight obturator.
- D-1290 Greenberg's, Fig. e, posterior obturator.
- D-1291 Greenberg's, Fig. f, light carrier with double end ground fitting for endoscope.
- D-1292 Greenberg's, Fig. g, attachment for single catheterization, with lens, light carrier and lever operated catheter guiding finger.
- *D-1293 Greenberg's, Fig. ga, attachment for double catheterization with lens, light carrier and lever operated catheter guiding finger.
- D-1294 Greenberg's, Fig. h, window for water dilatation with lens.
- D-1295 Greenberg's, Fig. i, window for air dilatation, with lens.
- D-1296 Greenberg's, Fig. k, aspirating tube, and bulb.
- D-1297 Greenberg's, Fig. t, window for operative work, air dilatation, with lens.
- D-1298 Greenberg's, Fig. u, window for operative work, water dilatation, with lens.
- D-1299 Extra lamps for light holder

Complete illustrated descriptive pamphlet of all Dr. Greenberg's Cysto-Urethroscopic instruments and accessories furnished on request.



D-1310

D-1320



Lithotomy Forceps

- *D-1370 Bergman's.
- D-1375 Lewkowitz's, straight.
- *D-1376 Lewkowitz's, curved.
- *D-1380 Teevan's, fenestrated.
- D-1385 Thompson's, curved.
- *D-1386 Thompson's, bayonet shape.

Lithotomy Scoops and Gorgets

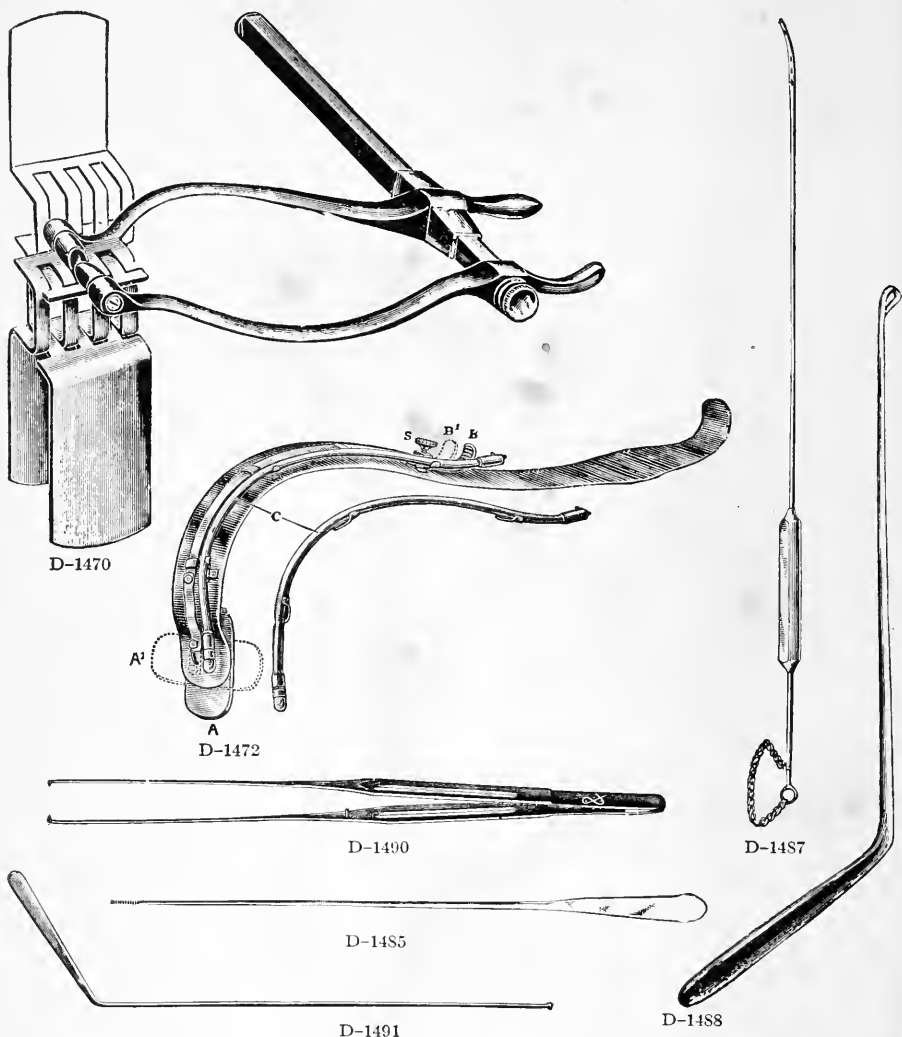
- D-1390 Little's Scoop.
- D-1395 Scoop with director.
- D-1400 Teale's Gorget.

Lithotomy Staffs

- *D-1410 Ferguson's.
- *D-1415 Little's Angular Director.
- D-1416 Little's Staff.
- *D-1420 Markoe's, double curve.
- *D-1425 Wheelhouse's.

Urethral and Bladder Forceps

- *D-1435 Collin's, angular with tubular stem.
- D-1440 Dittel's, angular with tubular stem.
- *D-1445 Kelly's, alligator jaw.
- D-1450 Lewis (Bransford), serrated edge.
- D-1455 Mathieu's, angular, 7 $\frac{1}{2}$ inches.
- D-1456 Mathieu's, angular, 11 inches.
- D-1457 Mathieu's, angular, punch jaws.



Supra Pubic Retractors

- *D-1460 Albarran's.
- *D-1461 Kocher's.
- D-1470 Masson's (Dr. J. C.).
- D-1472 Thomas's, electrically lighted.
- *D-1473 Extra lamps for above
- *D-1475 Walker's, for transverse incisions $\frac{3}{4}$ inch and $1\frac{3}{4}$ inches wide.
- *D-1480 Watson's, 2 bladed, self-retaining, dilating parallel.
- *D-1481 Watson's, 3 bladed, self-retaining.

Urethral and Ureteral Instruments

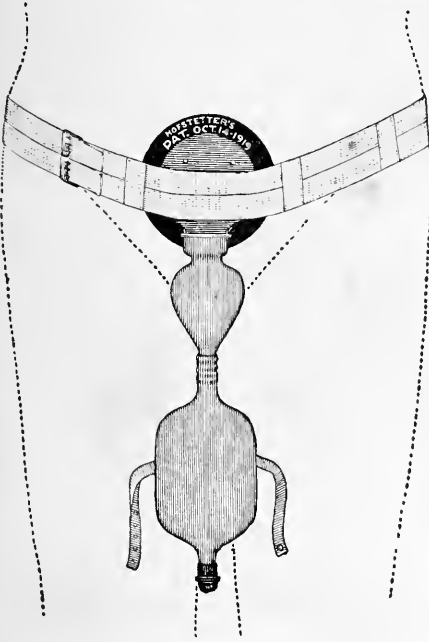
- D-1485 Applicator, Kelly's.
- D-1486 Calibrator, Kelly's, urethral.
- D-1487 Catheter, Kelly's, with plug and chain.
- D-1488 Curette, Kelly's, sharp.
- *D-1489 Dilator, Kelly's, urethral, double end, sizes 5 to 20 mm., plated.
- D-1490 Forceps, Kelly's, delicate, mouse tooth, $9\frac{1}{2}$ inches long.
- D-1491 Searcher, Kelly's.
- *D-1495 Segregator, Luy's, complete with 6 glass tubes, in metal case.

Scrotal Clamps

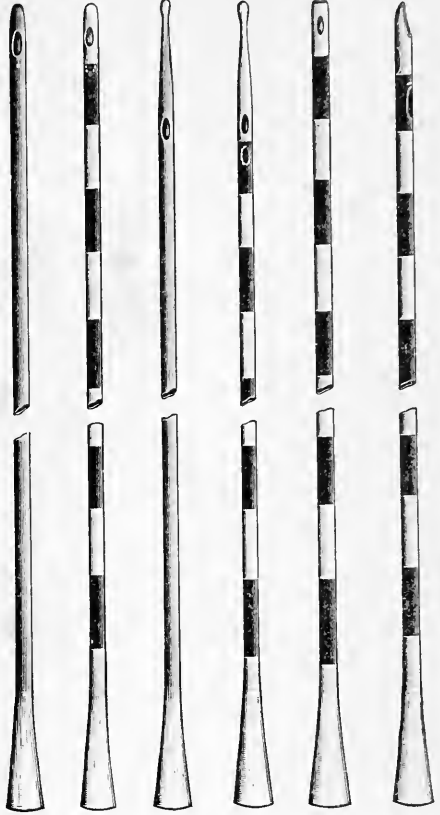
- *D-1500 Henry's.
- *D-1505 King's.
- *D-1510 Lewis's.



D-1525



D-1520



D-1530

D-1531
D-1534

D-1540

D-1541
D-1542

D-1533
D-1534

D-1546
D-1547

Supra Pubic Drainage Appliance

D-1520 **Hofstetter's**, complete with one pouch.

*D-1521 **Hofstetter's**, extra pouch only.

The above appliance may be used for permanent as well as for temporary drainage. It is the latest and most satisfactory appliance made for the purpose.

D-1525 **Freyer's**, heavy soft rubber, 11 cm. long, sizes, 15 mm., 20 mm., 24 mm. and 28 mm. diameter.

Ureteral Catheters, French, Silk Web

D-1530 Cylindrical, plain, sizes 4 to 8.

D-1531 Cylindrical, graduated, sizes 4 to 8.

*D-1532 Cylindrical, plain, open end, sizes 4 to 8.

D-1533 Cylindrical, graduated, open end, sizes 4 to 8.

D-1534 Cylindrical, graduated, X-ray, sizes 4 to 8.

D-1540 Olive point, plain, sizes 4 to 8.

D-1541 Olive point, graduated, sizes 4 to 8.

D-1542 Olive point, graduated, X-ray, sizes 4 to 8.

*D-1545 Whistle end, plain, sizes 4 to 8.

D-1546 Whistle end, graduated, sizes 4 to 8.

D-1547 Whistle end, graduated, X-ray, sizes 4 to 8.



Section "E"



Gynecic

Hysterectomy

Obstetrical

Instrument Satchels

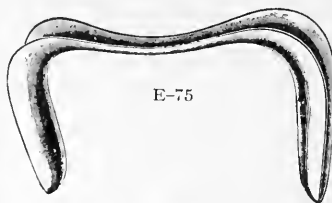
Medicine Cases



E-1



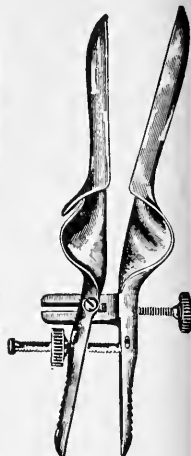
E-40



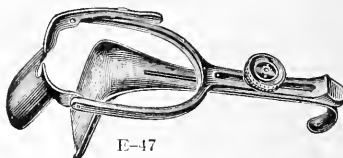
E-75



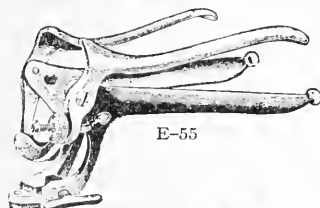
E-65



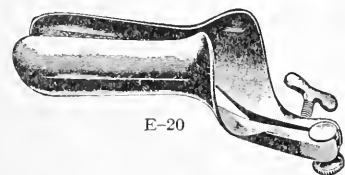
E-30



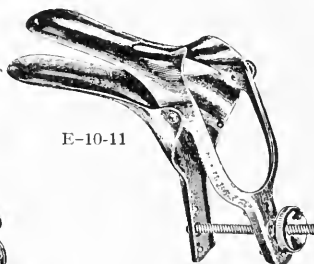
E-47



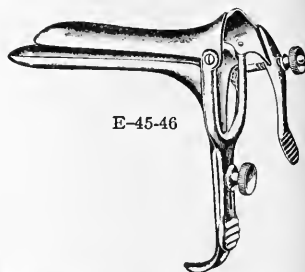
E-55



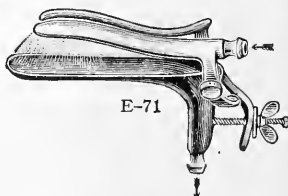
E-20



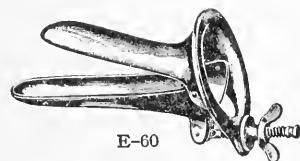
E-10-11



E-45-46



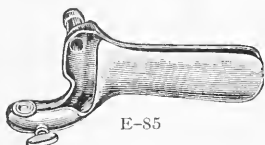
E-71



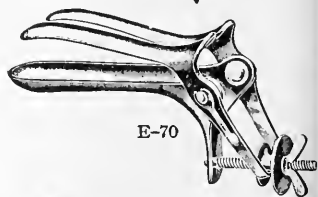
E-60



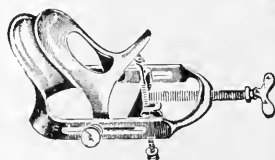
E-80



E-85



E-70



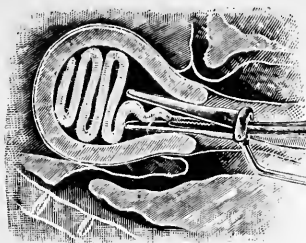
E-16

Vaginal Specula

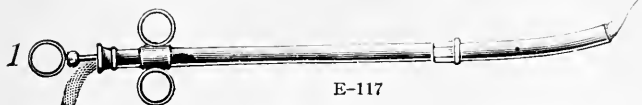
- E-1 Auvard's, weighted, 1 size.
- *E-2 Auvard's, with detachable weight.
- *E-5 Beebe's, lateral, 1 size.
- E-10 Brewer's, regular, 3 sizes.
- E-11 Brewer's, extra large, 1 size.
- *E-15 Cavana's, regular, 1 size.
- E-16 Cavana's, operating, 1 size.
- E-20 Collins', 3 sizes.
- *E-25 Cusco's, 3 sizes.
- *E-26 Cusco's, latest pattern.
- *E-27 Cusco's, Virgin.
- E-30 DeVilbiss', regular, 3 sizes.
- *E-31 DeVilbiss', operating, 1 size.
- *E-35 Edebohl-Miller's, 1 size.
- E-40 Garrigue's, weighted, 1 size.
- E-45 Graves', regular, 2 sizes.
- E-46 Graves', large.
- E-47 Graves', operating, 1 size.
- *E-50 Hale's, virgin.
- *E-51 Hale's, regular, 2 sizes.
- E-55 Haslam's, ball bearing.
- E-60 Higbie's, 3 sizes.
- E-65 Miller's, 3 sizes.
- E-70 Nott's, 3 sizes.
- E-71 Nott's, irrigating.
- *E-73 Palmer's, self-retaining.
- E-75 Sim's, 5 sizes.
- E-80 Taylor's.
- E-85 Talley's.



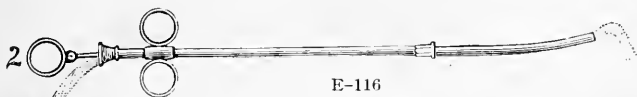
E-135



E-130



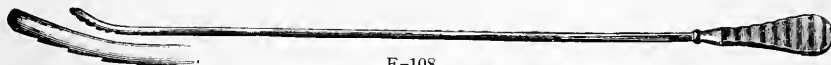
E-117



E-116



E-115



E-108



1



2



3



4

E-100 to E-103



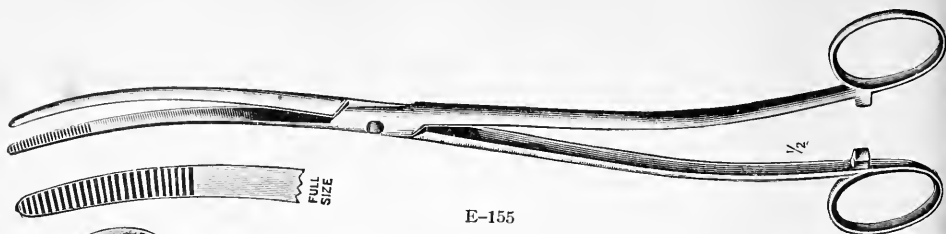
E-125



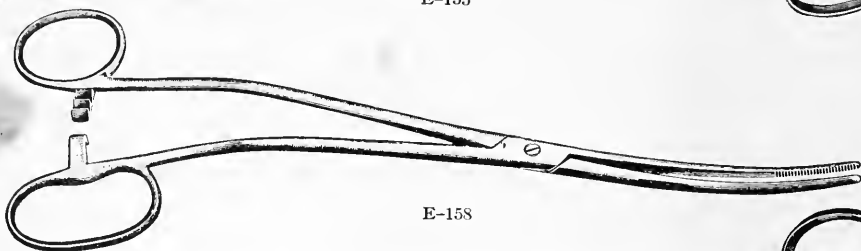
E-104

Uterine Applicators and Packers

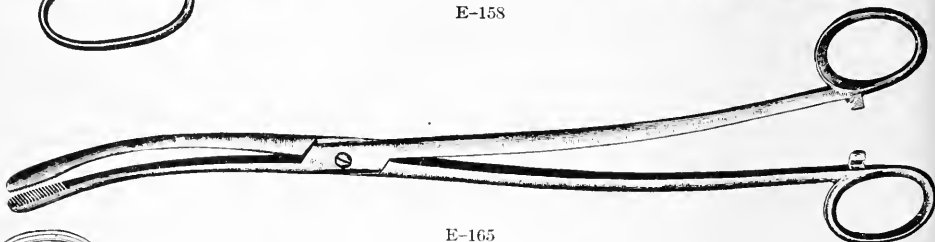
- E-100 Plain applicator, aluminum, rough end, No. 1.
- E-101 Plain applicator, aluminum, spiral end, No. 2.
- E-102 Plain applicator, aluminum, triangular end, No. 3.
- E-103 Plain applicator, aluminum, flat end, No. 4.
- E-104 Plain applicator, aluminum, double rough or flat and rough end.
- E-108 **Bernay's** Packer.
- *E-110 **Emmett's** Applicator with slide, plated or silver.
- E-115 Gauze Packer, 8½ inches long, $\frac{13}{32}$ inch diameter.
- E-116 Gauze Packer, 12 inches long, $\frac{3}{16}$ inch diameter.
- E-117 Gauze Packer, 12 inches long, $\frac{1}{16}$ inch diameter.
- *E-118 Obturators for above gauze packers.
- *E-120 **Kelly's** Gauze Packer, trident.
- E-125 **Martin's** Applicator with 100 stems.
- E-130 **McDade's** Gauze Packer.
- E-135 Wood Applicators, 500 in bundle.



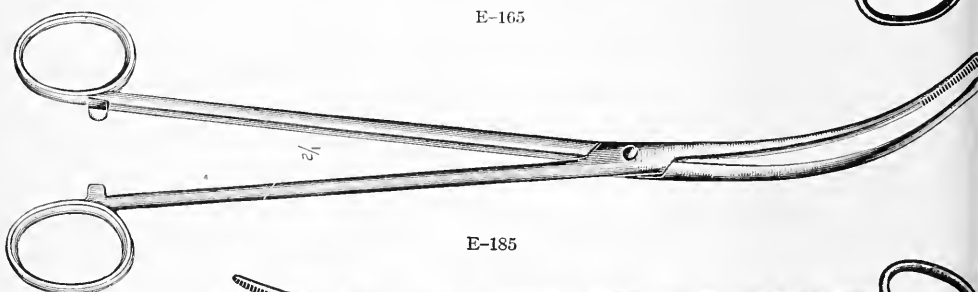
E-155



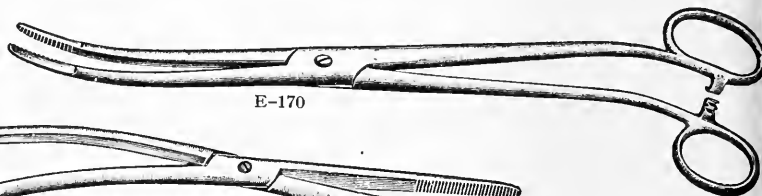
E-158



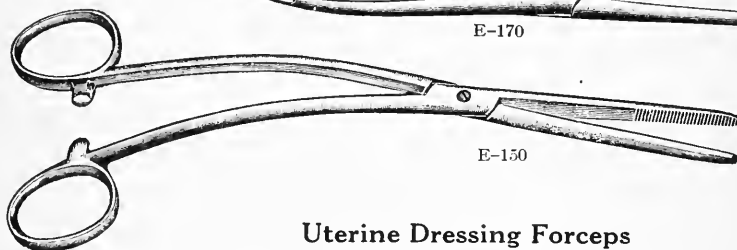
E-165



E-185



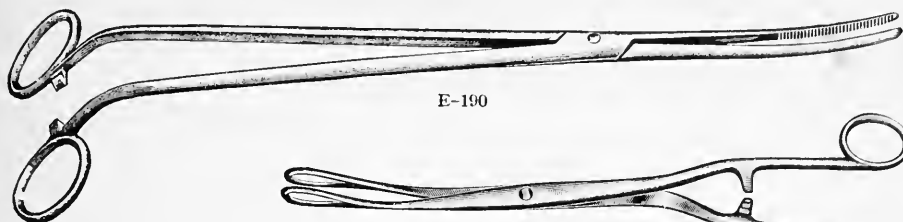
E-170



E-150

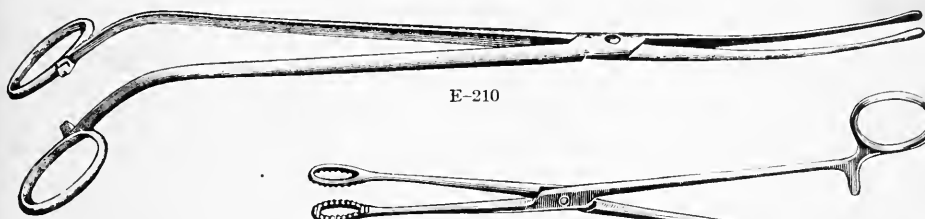
Uterine Dressing Forceps

- E-150 Barrett's, packing.
- E-155 Bozeman's, original model, serrated jaw.
- *E-156 Bozeman's, original model, mortise joint.
- *E-157 Bozeman's, original model, smooth flat jaw.
- E-158 Bozeman's, improved model, serrated jaws.
- *E-159 Bozeman's, improved model, concave jaw.
- *E-160 Bozeman's, improved model, smooth flat jaw.
- E-165 DeLee's, heavy packing.
- E-170 Douglass-Bozeman's, improved model, with triangular point, serrated jaws.
- *E-171 Douglass-Bozeman's, improved model, with triangular point, smooth jaws.
- *E-175 Elliott's, straight.
- *E-176 Elliott's, with bent handles.
- *E-180 Emmet's, with slide catch.
- E-185 Garrigue's, packing.



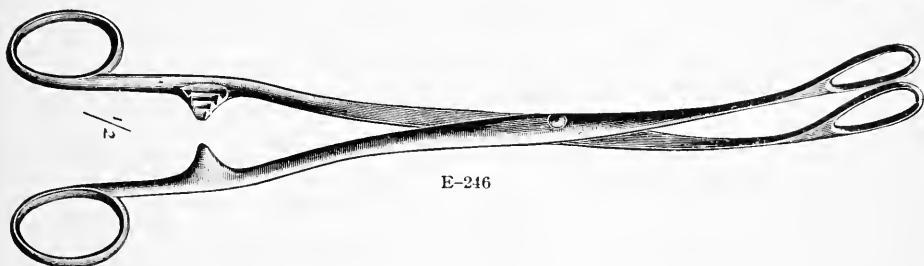
E-190

E-240-241



E-210

E-247-251



E-246

Uterine Dressing Forceps (continued)

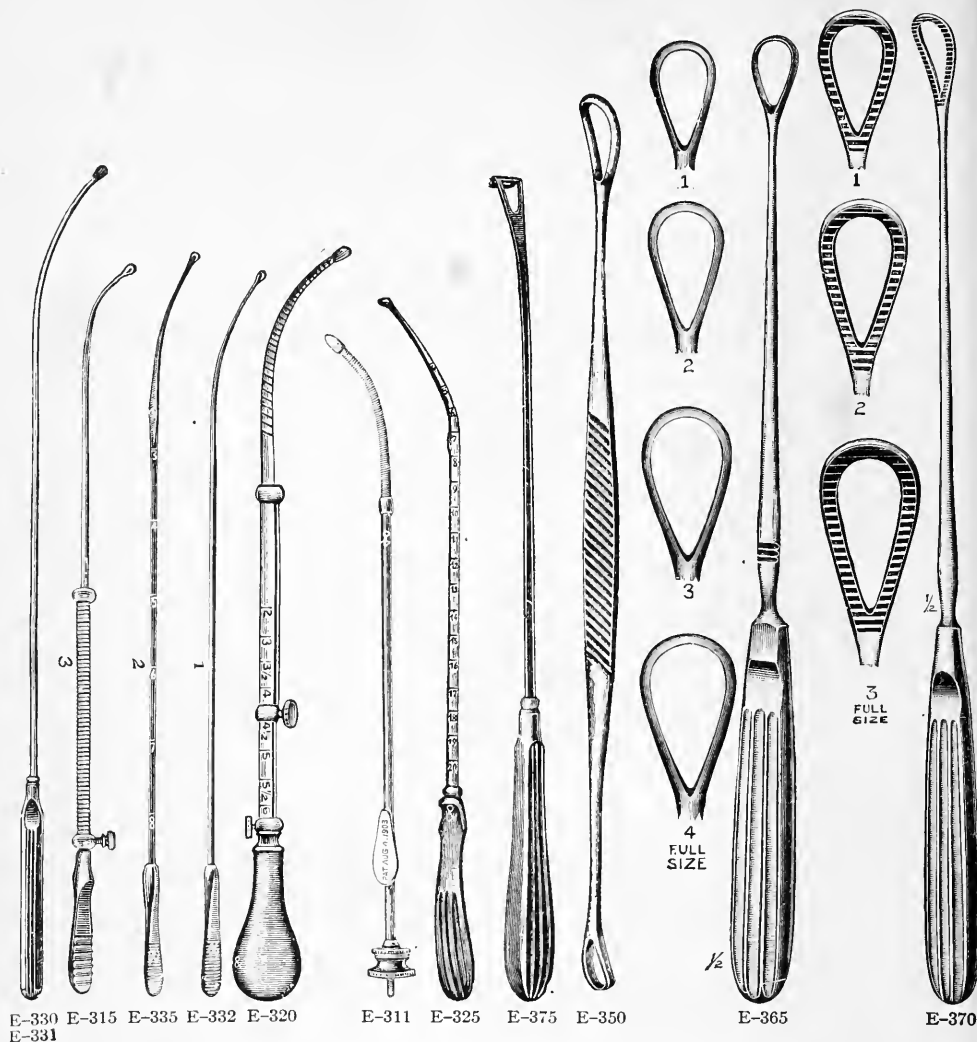
E-190 Harvey's.
 *E-195 Leonard's.
 *E-200 Rothrock's.
 *E-205 Schroeder's.

E-210 Thomas' applying.
 *E-215 Walcher's, 12 inches.
 *E-220 Vaughan-Douglass'.

Sponge-holding Forceps (see also pages 87 to 89)

E-240 Bellevue, smooth blades.
 E-241 Bellevue, serrated blades.
 *E-245 Foerster's straight, 6 inches, $7\frac{1}{4}$ inches, $9\frac{3}{4}$ inches.
 E-246 Foerster's, curved, $9\frac{3}{4}$ inches.
 E-247 Foerster-Haslam, straight, 7 inches, smooth jaw.
 E-248 Foerster-Haslam, straight, 7 inches, serrated jaw.
 E-249 Foerster-Haslam, straight, 8 inches, plain jaw.
 E-250 Foerster-Haslam, straight, $9\frac{1}{2}$ inches, plain jaw.
 E-251 Foerster-Haslam, straight, $9\frac{1}{2}$ inches, serrated jaw.

*E-252 Foerster-Haslam, curved, 7 inches, smooth jaw.
 *E-253 Foerster-Haslam, curved, 7 inches, serrated jaw.
 *E-254 Foerster-Haslam, curved, $9\frac{1}{2}$ inches, smooth jaw.
 *E-255 Foerster-Haslam, curved, $9\frac{1}{2}$ inches, serrated jaw.
 *E-260 Husson's Sponge Holder.
 *E-265 Kelly's.
 *E-270 Polk's.
 *E-275 Plain Sponge Holder, straight.
 *E-276 Plain Sponge Holder, curved.
 *E-280 Wilson's, serrated jaw.



Uterine Applying Syringes (See also page 27)

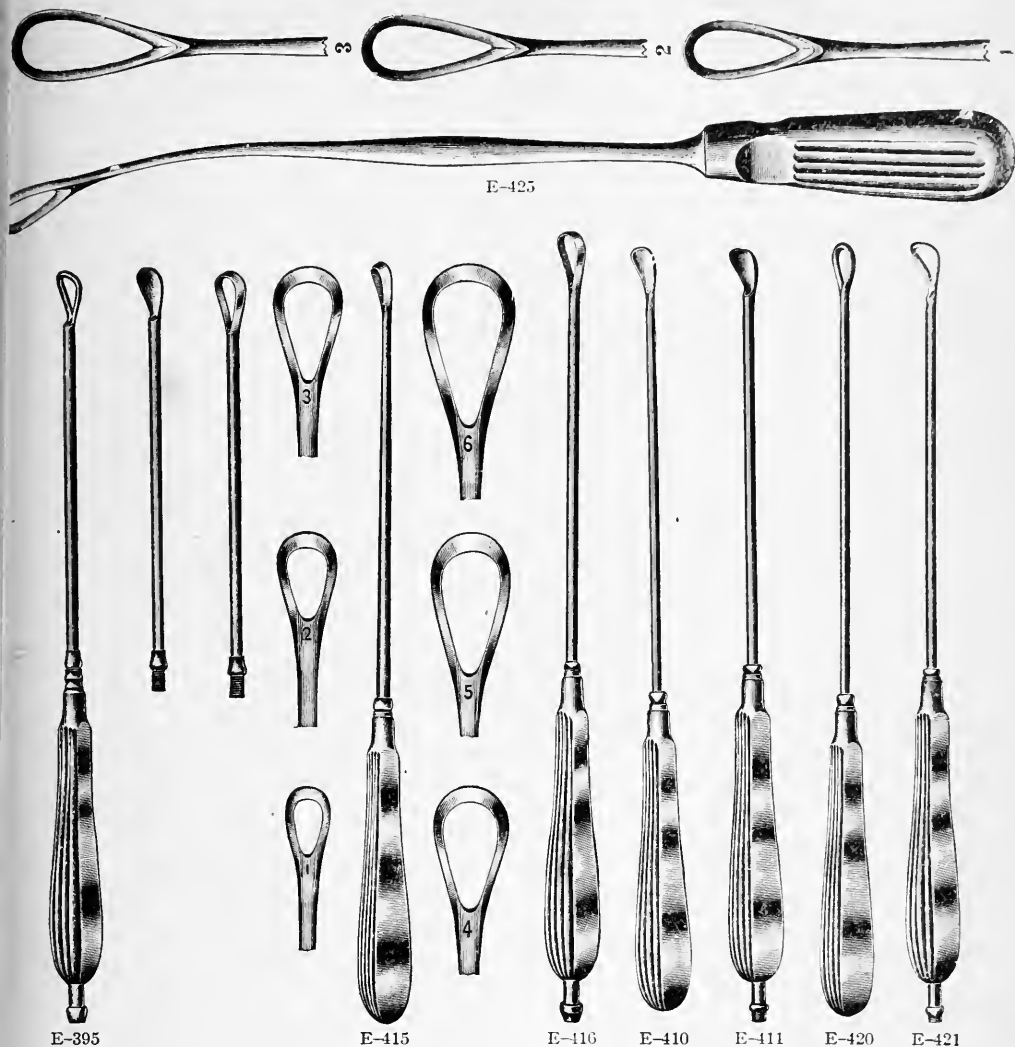
- *E-290 **Braun's.**
- *E-295 Hard rubber, $\frac{1}{2}$ ounce, 1 ounce and 2 ounces.
- *E-300 **Kelly's**, silver, with flexible tube.
- *E-305 **Woodward's**, with flexible silver tube.

Uterine Elevators, Probes and Sounds

- *E-310 **Elliott's** Elevator, with elastic web cover.
- E-311 **Elliott's** Elevator, all metal, spiral.
- E-315 **Fitch's** Sound, Fig. 3.
- E-320 **Jenk's** Sound.
- *E-322 **Ludlam's** Elevator.
- E-325 **Martin's** Sound, graduated.
- E-330 **Sims' Probe**, plated or aluminum.
- E-331 **Sims' Probe**, silver.
- E-332 **Sims' Sound**, Fig. 1.
- E-335 **Simpson's** Sound, graduated, Fig. 2.

Uterine Curettes

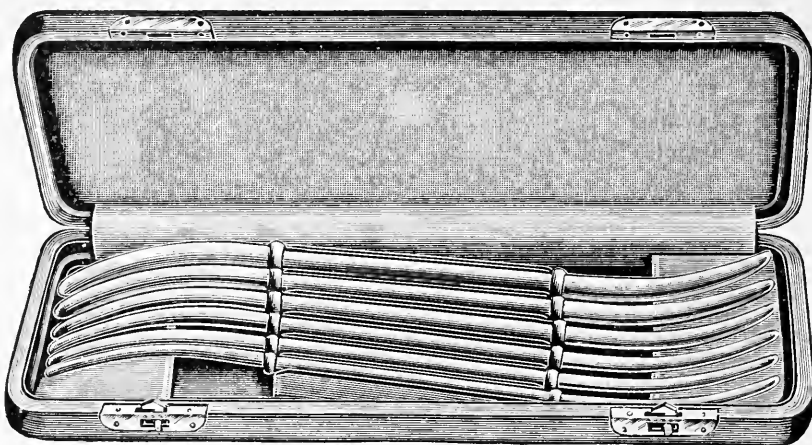
- E-350 **Blakes'**, double, blunt and sharp.
- *E-355 **Boldt's**, carcinoma, sharp.
- *E-360 **Burt's**, double, spoon and loop.
- E-365 **Goelet's**, flexible shank, 4 sizes.
- E-370 **Green's**, serrated, 3 sizes.
- E-375 **Langstaff's**, 4 sizes.
- *E-380 **Martin's**, double end, blunt spoons.
- *E-385 **Recamier's**, sharp, 6 sizes.



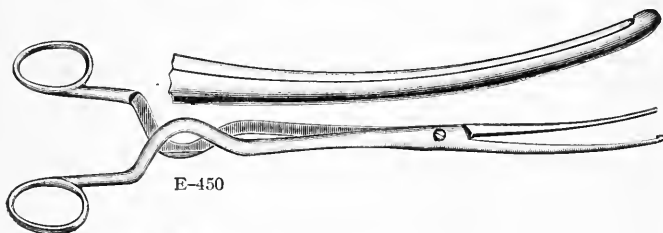
Uterine Curettes (continued)

- *E-390 Berlin, set of three, with 1 handle, irrigating.
- *E-391 Berlin, set, as above, in leather or khaki case.
- *E-392 Berlin Gynaecological Set, consisting of 3 irrigating curettes, 1 tenaculum, 1 probe, 1 Simpson's sound, 1 applicator, 1 sponge holder and 2 handles, in flexible leather or khaki case.
- E-395 Combined set of three, with one fine, large handle, irrigating
- *E-396 Combined set as above, in khaki case.

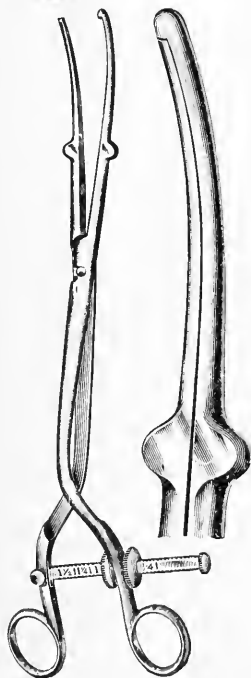
- *E-397 Goldstein's, irrigating, 3 sizes.
- *E-400 Rheinstetter's, irrigating, blunt, 3 sizes.
- *E-401 Rheinstetter's, irrigating, sharp, 3 sizes.
- *E-405 Simon's, sharp, 6 sizes.
- *E-406 Simon's, blunt, 6 sizes.
- E-410 Skene's, 3 sizes.
- E-411 Skene's, irrigating, 3 sizes.
- E-415 Sims', sharp, 6 sizes.
- E-416 Sims', sharp, rinsing, 3 sizes.
- E-420 Thomas', blunt, 3 sizes.
- E-421 Thomas', blunt, irrigating, 2 sizes.
- E-425 Wyllies', sharp, 3 sizes.



E-460



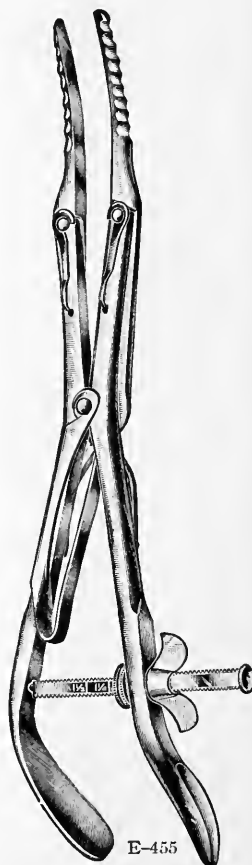
E-450



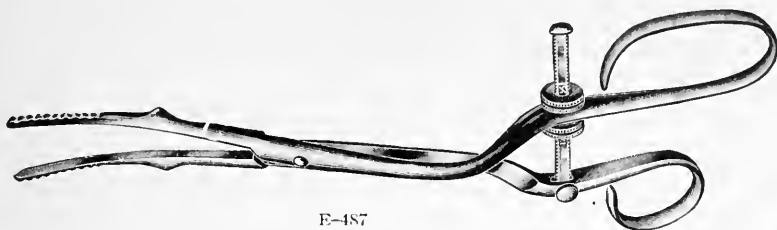
E-485-486

Uterine Dilators

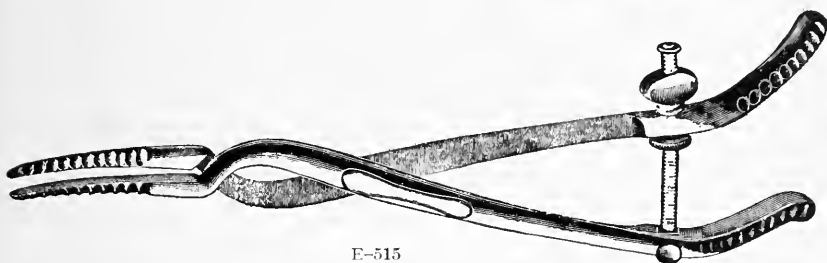
- E-450 **Atlee's**, slender blades.
- E-455 **Goodell's**, small and large.
- *E-460 **Hegar's**, set of 25, hard rubber.
- *E-461 **Hegar's**, set of 25, metal, in case.
- *E-465 **Hank's**, double end, set of six, hard rubber.
- E-466 **Hank's**, double end, set of six, metal, in case.
- *E-475 **Nott's**.
- *E-480 **Outerbridge's**, set of six, with introducer.
- *E-481 **Outerbridge's**, dilators only, 3 sizes, straight and curved.
- E-485 **Palmer's**, plain, smooth or corrugated blades.
- E-486 **Palmer's**, fine, smooth or corrugated blades.



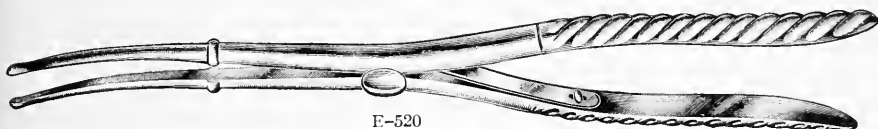
E-455



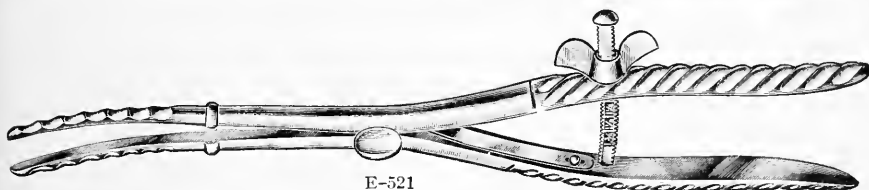
E-487



E-515



E-520



E-521



E-510

Uterine Dilators (Continued)

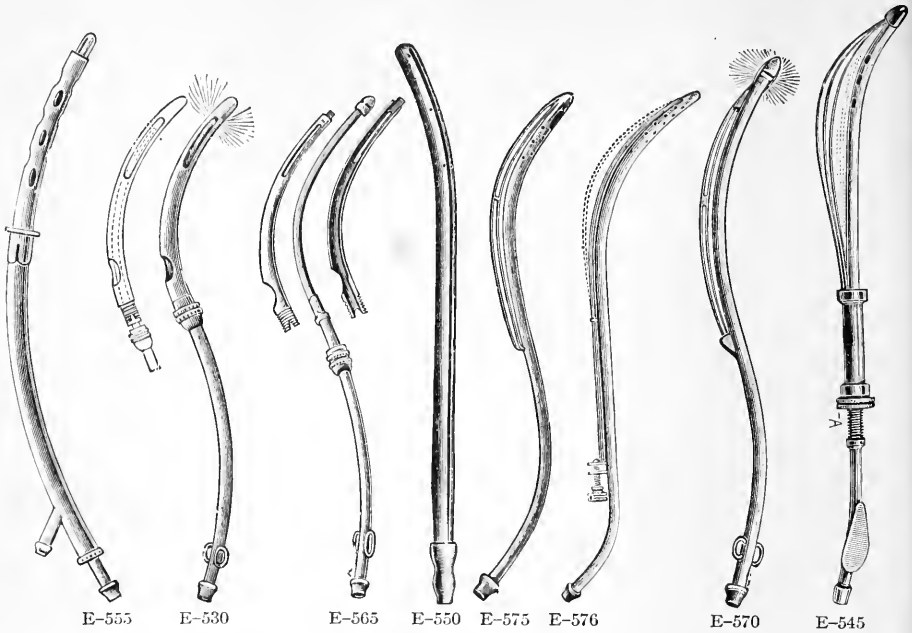
- E-487 **Palmer's**, improved, with large ring.
- *E-493 **Pryor's**.
- *E-495 **Richter's**, with parallel dilating blades.
- *E-496 **Richter's**, with 4 dilating blades.
- E-500 **Sea Tangle**, tents, solid and hollow.
- E-505 **Sponge tents**, straight and curved.
- E-510 **Starlinger's**, double end.
- E-515 **Wathen's**.
- E-520 **Wylie's**, without set screw, smooth or corrugated blades.
- E-521 **Wylie's**, with set screw, smooth or corrugated blades



E-505



E-500



E-555

E-530

E-565

E-550

E-575

E-576

E-570

E-545

E-540

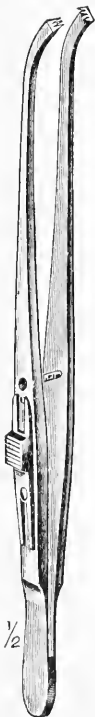
E-605

Uterine Douches

- E-530 **Bozeman's**, regular and extra large.
- *E-535 **Bozeman-Fritche's**, regular and large.
- E-540 **Chamberlain's**, glass.
- E-545 **Climax**, dilating.
- E-550 **Edgar's**.
- E-555 **Glasgow's**.
- *E-560 **Jenning's**, latest, perforated.
- E-565 **Kelly-Bozeman's**.
- E-570 **Langstaff's**.
- E-575 **Leonard's**.
- E-576 **Leonard's**, dilating.
- *E-580 **Reade-Jennison's**.
- *E-585 **Talley's**, same as Leonard's, very small.

Uterine Tissue Forceps, Spring

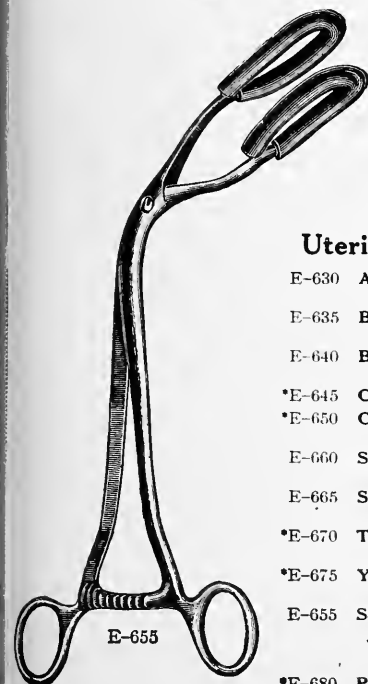
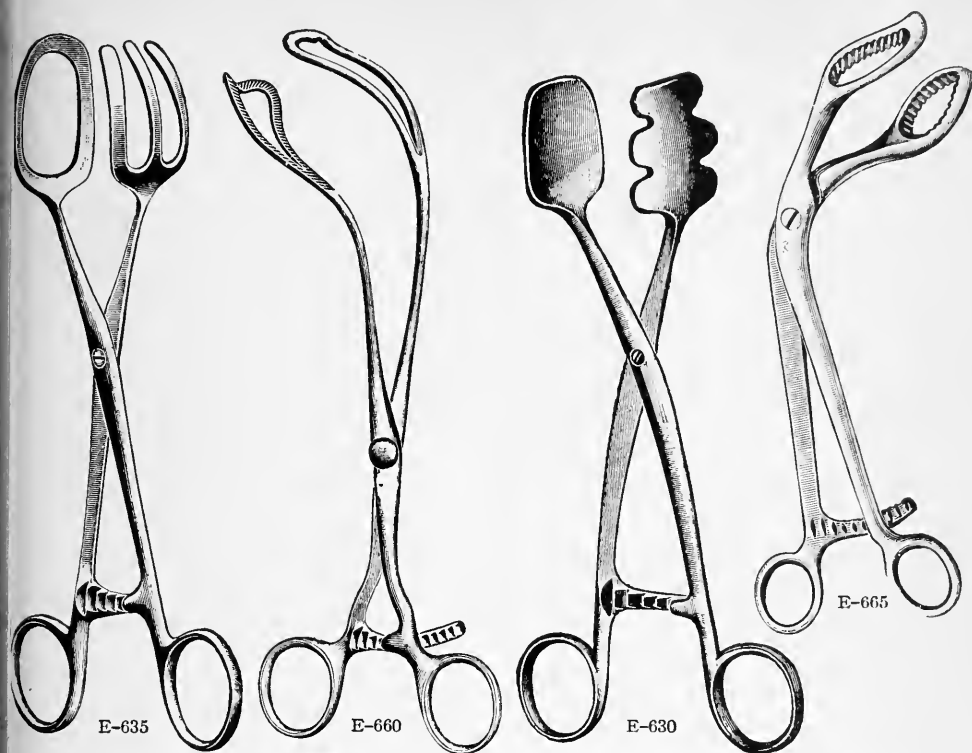
- *E-600 **Kelly's**, 9 inches, 4 and 5 teeth.
- *E-601 **Kelly's**, 9 inches, 4 and 5 teeth, fenestrated handles.
- E-605 Plain, straight, 8 inches, 1 and 2, 2 and 3, 3 and 4, 4 and 5 teeth.
- E-606 Plain, curved, 8 inches, 1 and 2, 2 and 3, 3 and 4, 4 and 5 teeth.
- *E-610 **Skene's**, slide catch, straight.
- E-611 **Skene's**, slide catch, curved.



E-611



E-606

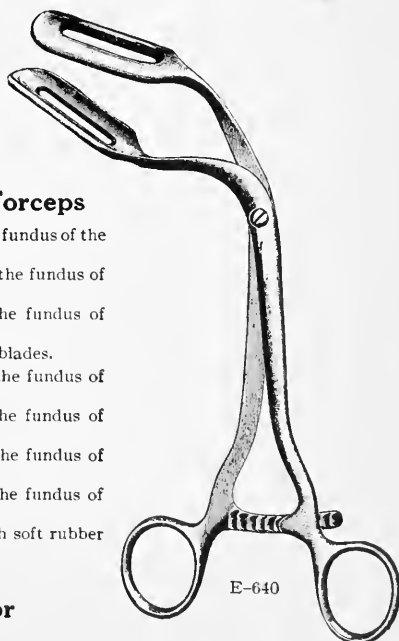


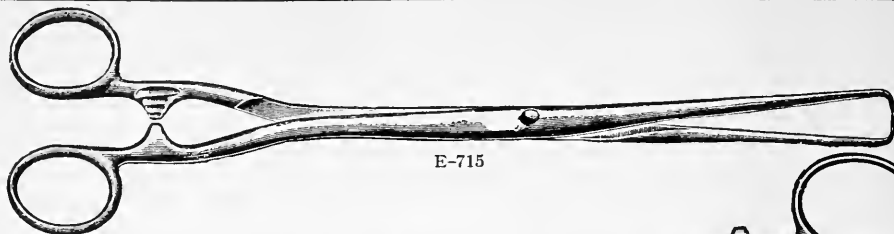
Uterine Elevating Forceps

- E-630 **Allen's**, for grasping the fundus of the uterus.
- E-635 **Barrett's**, for grasping the fundus of the uterus.
- E-640 **Berry's**, for grasping the fundus of the uterus.
- E-645 **Collins'**, with movable blades.
- E-650 **Cullen's**, for grasping the fundus of the uterus.
- E-660 **Sherk's**, for grasping the fundus of the uterus.
- E-665 **Somer's**, for grasping the fundus of the uterus.
- E-670 **Taylor's**, for grasping the fundus of the uterus.
- E-675 **Young's**, one blade with soft rubber jaw.
- E-655 **Schoenberg's**.

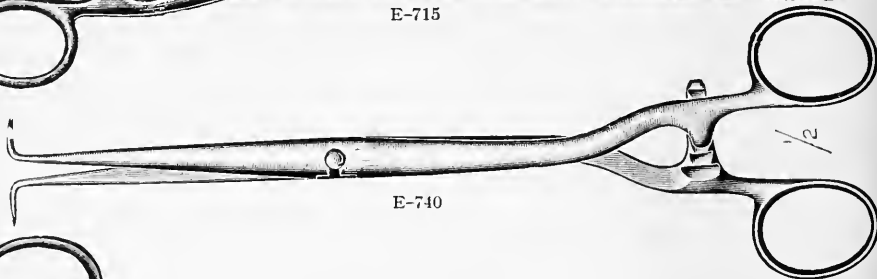
Uterine Tractor

- E-680 **Pryor's**.

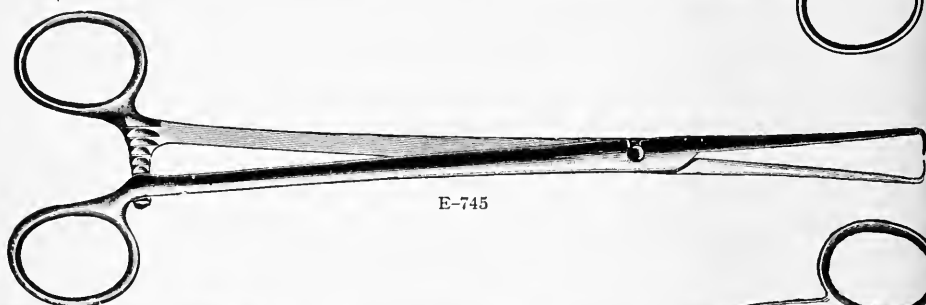




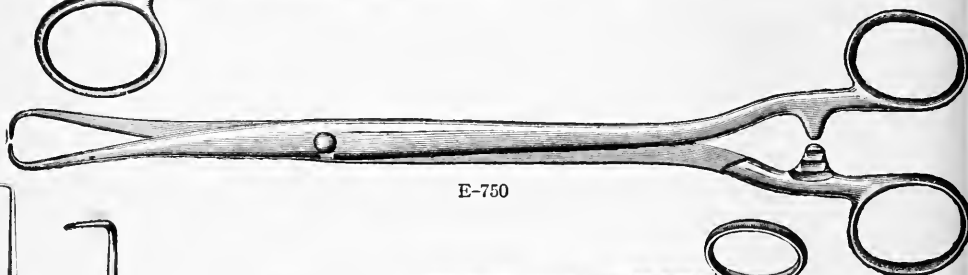
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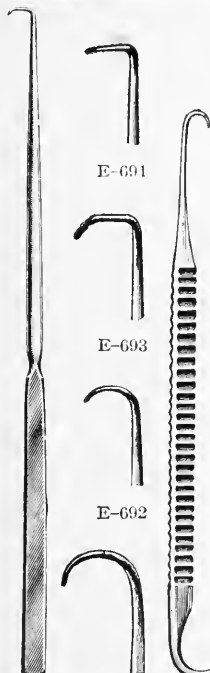
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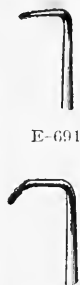
E-745



E-750



E-691



E-693



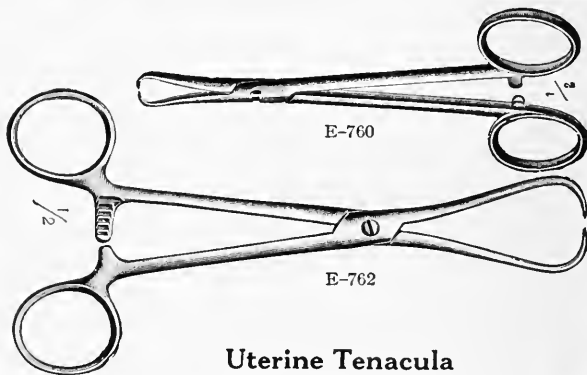
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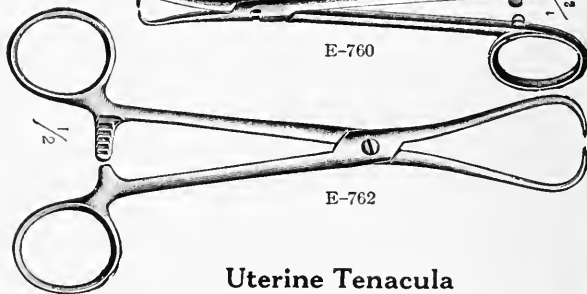
E-693

E-700

E-695



E-760



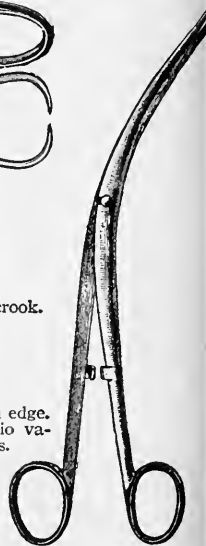
E-762

Uterine Tenacula

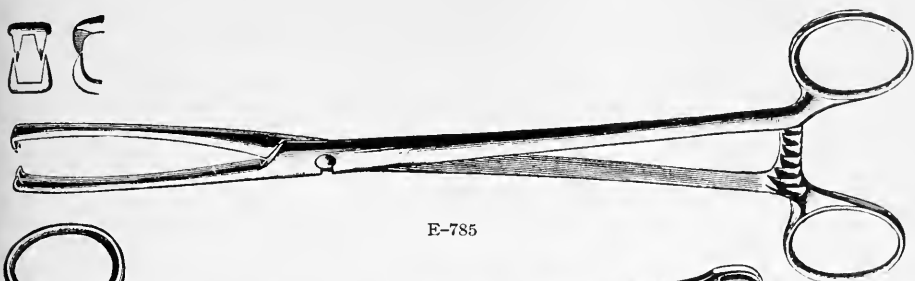
- | | | | |
|--------|--------------------------|--------|--------------------------|
| *E-690 | Emmet's, angular, acute. | E-695 | Kelly's. |
| E-691 | Emmet's, right angled. | *E-696 | Kelly's, shepherd crook. |
| E-692 | Emmet's, round. | E-700 | Sims'. |
| E-693 | Emmet's, double angle. | | |

Uterine Tenaculum Forceps

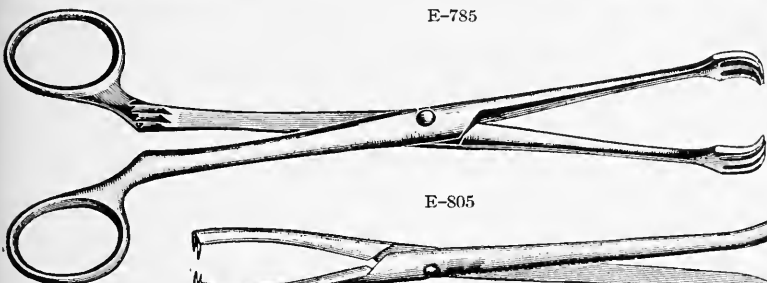
- | | | | |
|--------|------------------------------------|--------|---|
| *E-710 | Barrett's, straight, 7 inches. | E-750 | Schroeder's. |
| *E-711 | Barrett's, cross action, 7 inches. | E-755 | Skene's, curved on edge. |
| E-715 | Braun's. | E-760 | Stauder's, for portio vaginalis, 5½ inches. |
| *E-720 | Donoghue's. | *E-761 | Stauder-Moore's, 6¼ inches, short hooks. |
| *E-725 | Duplay's. | E-762 | Stauder-Moore's, 6¼ inches, long hooks. |
| *E-730 | Goelet's, angular. | *E-765 | Wylie's. |
| *E-735 | Martin's. | | |
| E-740 | Newman's. | | |
| E-745 | Pozzi's. | | |



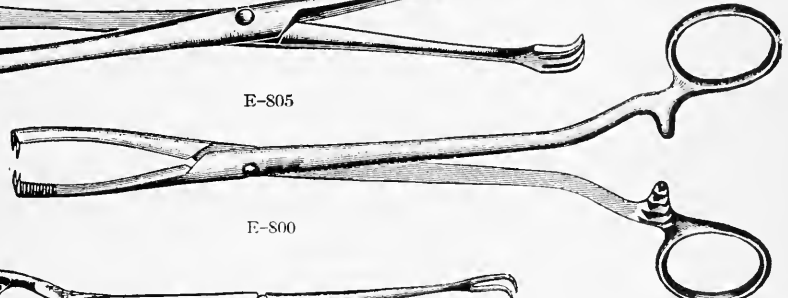
E-755



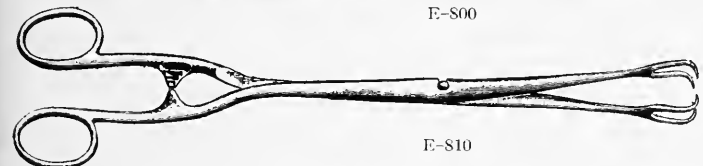
E-785



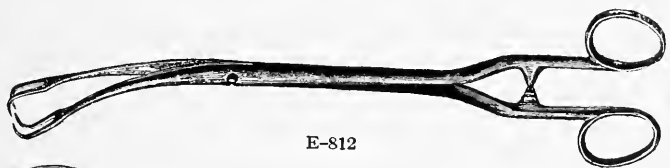
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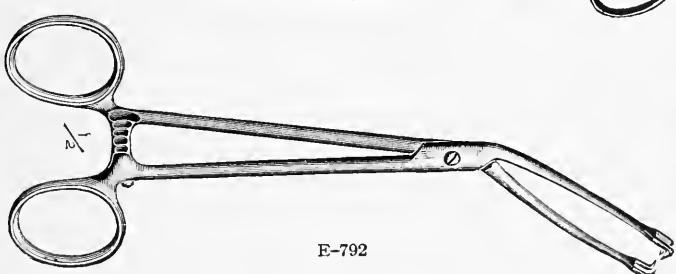
E-800



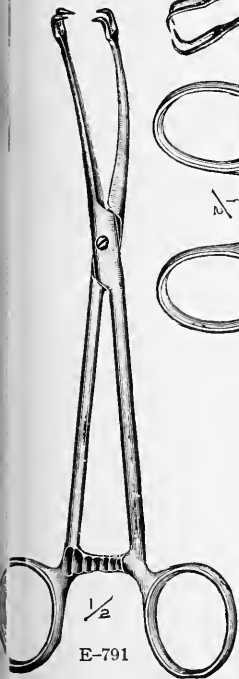
E-810



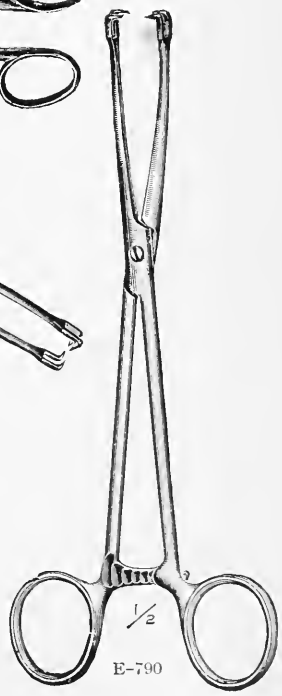
E-812



E-792



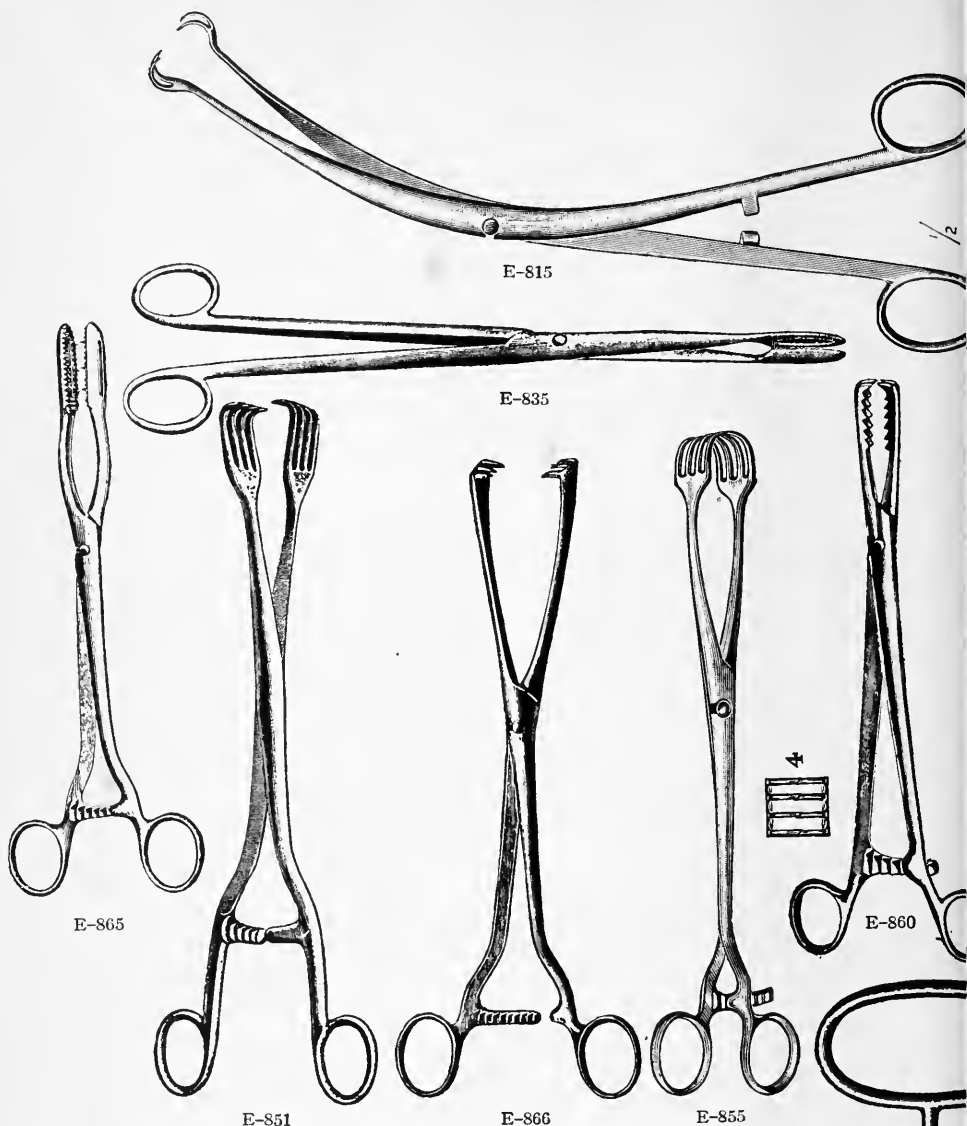
E-791



E-790

Uterine Vulsellum Forceps

- E-780 Donoghue's, small and large
- E-785 Doyen's, 9½ inches
- E-790 Haslam's, straight, 7 inches, 9 inches.
- E-791 Haslam's, curved on flat, 7 inches, 9 inches.
- E-792 Haslam's, curved on edge, 7 inches, 9 inches.
- E-795 Henrotin's, 8¼ inches.
- E-800 Jacob's, 8¼ inches.
- E-805 Massachusetts General Hospital, small and large.
- E-810 Schroeder's, straight.
- E-811 Schroeder's, curved on flat.
- E-812 Schroeder's, curved on edge.
- E-815 Skene's (see page 324).



Uterine Polypus Forceps

- *E-825 Doyen's, cutting, 3 sizes.
- *E-830 Longyear's.
- *E-835 Maier's, straight, plain.
- *E-836 Maier's, straight, with catch.
- *E-837 Maier's, curved, with catch.

Uterine Tumor Forceps

- *E-850 Billroth's, 6 prong, $10\frac{1}{2}$ inches, heavy.
- *E-851 Billroth's, 8 prong, $10\frac{1}{2}$ inches, with catch.
- *E-855 Donoghue's, 8 prong, heavy.
- *E-860 Pryor's, morcellation.
- *E-865 Segond's, morcellation, oval form, with pronged jaw.
- *E-866 Segond's, grasping, 2, 3 and 4 teeth.

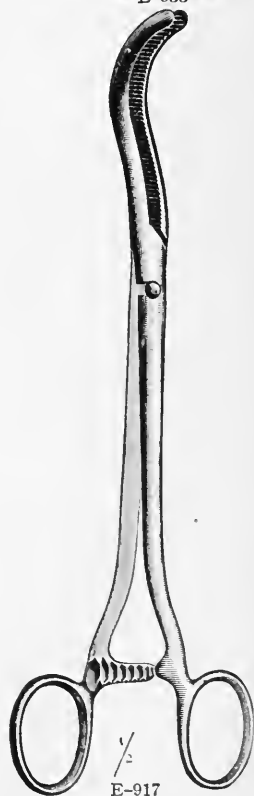
Uterine Tumor Screw

- E-880 Doyen's.

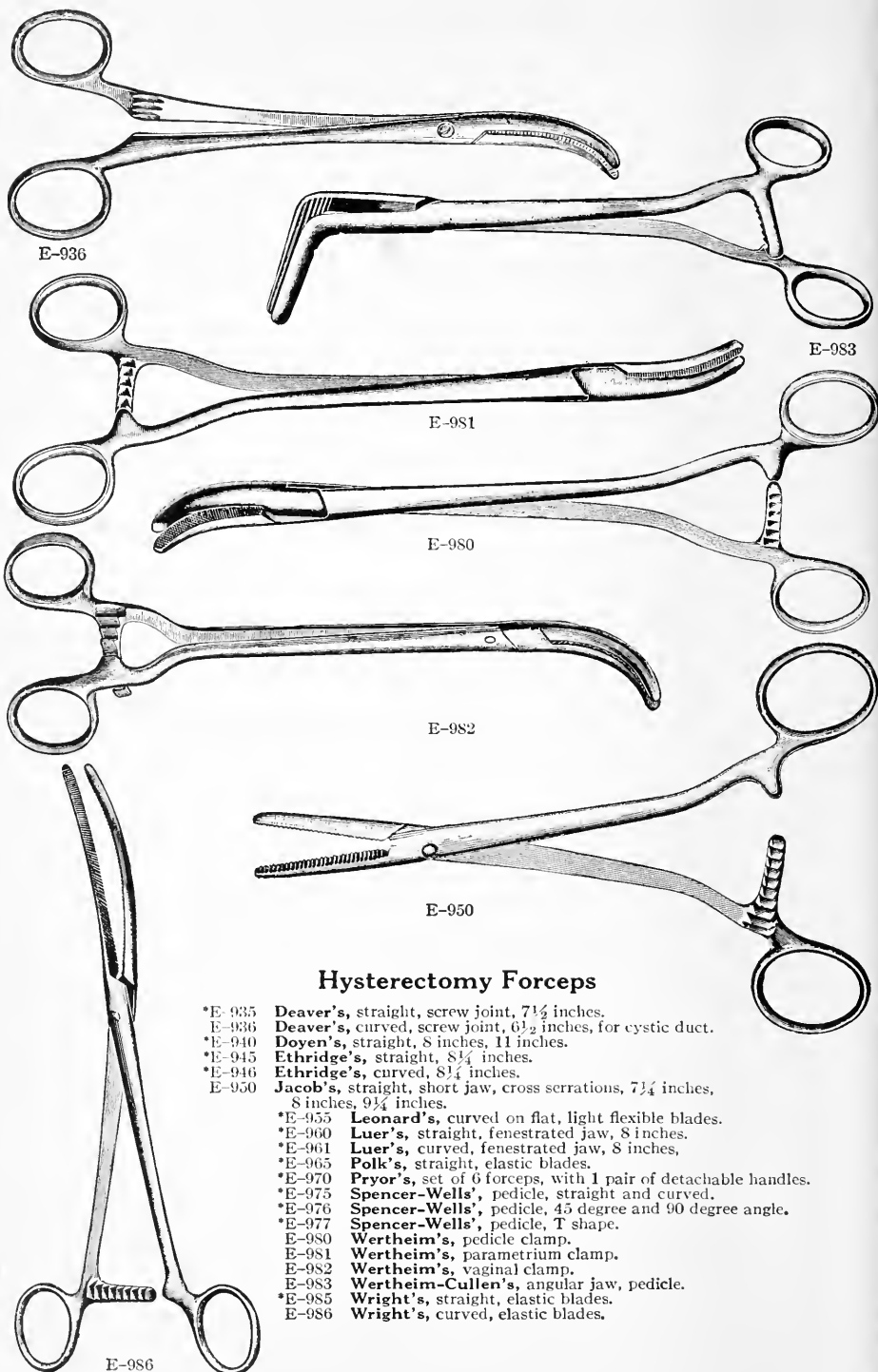


Hysterectomy Forceps (See also pages 74, 80 and 81)

- E-900 **Carmalt's**, $6\frac{1}{4}$ inches, 8 inches, screw joint.
- *E-901 **Carmalt's**, mouse tooth, $6\frac{1}{4}$ inches, screw joint.
- *E-905 **Ferguson's**, $6\frac{1}{2}$ inches, $7\frac{1}{2}$ inches, screw joint.
- *E-906 **Ferguson's**, angiotriptic, straight, $6\frac{1}{2}$ inches, $7\frac{1}{2}$ inches, screw joint.
- *E-907 **Ferguson's**, angiotriptic, curved, $6\frac{1}{2}$ inches, $7\frac{1}{2}$ inches, mortise joint.
- *E-910 **Ochsner's**, $7\frac{1}{2}$ inches, screw joint.
- E-915 **Pean's**, straight, cross serrations, lengths, inches 7, 8, $8\frac{3}{4}$, $9\frac{1}{2}$, $10\frac{1}{4}$ and 11.
- E-916 **Pean's**, curved, cross serrations, lengths, inches, 7, 8, $8\frac{3}{4}$, $9\frac{1}{2}$, $10\frac{1}{4}$ and 11.
- E-917 **Pean's**, double curve, cross serrations, lengths, inches, 7, 8, $8\frac{3}{4}$, $9\frac{1}{2}$, $10\frac{1}{4}$ and 11.
- *E-920 **Rochester-Carmalt's**, $6\frac{1}{4}$ inches, 8 inches, screw joint.
- *E-921 **Rochester-Carmalt's**, $6\frac{1}{4}$ inches, 8 inches, mortise joint.
- *E-925 **Rochester-Ochsner's**, $6\frac{1}{4}$ inches, $7\frac{1}{2}$ inches, screw joint.
- *E-926 **Rochester-Ochsner's**, $6\frac{1}{4}$ inches, $7\frac{1}{2}$ inches, mortise joint.
- *E-930 **Rochester-Pean's**, straight, $6\frac{1}{4}$ inches, 8 inches, screw joint.
- *E-931 **Rochester-Pean's**, straight, $6\frac{1}{4}$ inches, 8 inches, mortise joint.
- E-932 **Rochester-Pean's**, curved, $6\frac{1}{4}$ inches, 8 inches, screw joint.
- E-933 **Rochester-Pean's**, curved, $6\frac{1}{2}$ inches, 8 inches, mortise joint.



E-917



Hysterectomy Forceps

- *E-935 Deaver's, straight, screw joint, $7\frac{1}{2}$ inches.
- E-936 Deaver's, curved, screw joint, $6\frac{1}{2}$ inches, for cystic duct.
- *E-940 Doyen's, straight, 8 inches, 11 inches.
- *E-945 Ethridge's, straight, $8\frac{1}{4}$ inches.
- *E-946 Ethridge's, curved, $8\frac{1}{4}$ inches.
- E-950 Jacob's, straight, short jaw, cross serrations, $7\frac{1}{4}$ inches, 8 inches, $9\frac{1}{4}$ inches.
- *E-955 Leonard's, curved on flat, light flexible blades.
- *E-960 Luer's, straight, fenestrated jaw, 8 inches.
- *E-961 Luer's, curved, fenestrated jaw, 8 inches.
- *E-965 Polk's, straight, elastic blades.
- *E-970 Pryor's, set of 6 forceps, with 1 pair of detachable handles.
- *E-975 Spencer-Wells', pedicle, straight and curved.
- *E-976 Spencer-Wells', pedicle, 45 degree and 90 degree angle.
- *E-977 Spencer-Wells', pedicle, T shape.
- E-980 Wertheim's, pedicle clamp.
- E-981 Wertheim's, parametrium clamp.
- E-982 Wertheim's, vaginal clamp.
- E-983 Wertheim-Cullen's, angular jaw, pedicle.
- *E-985 Wright's, straight, elastic blades.
- E-986 Wright's, curved, elastic blades.



E-1045



E-1040



E-1075



E-1055



E-1065



E-1046



E-1041



E-1036



E-1035



E-1061



E-1015

Uterine Knives

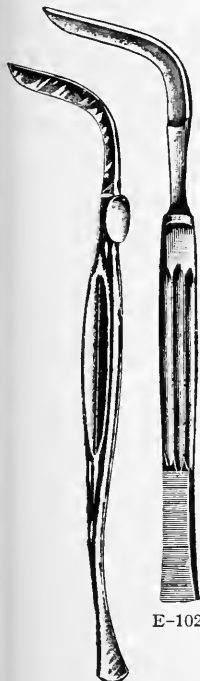
- E-1000 **Barrett's**, trachelorrhaphy.
- *E-1005 **Buttle's**, scarifier.
- *E-1010 **Cole's**, hysterectomy knife and spud.
- E-1015 **Kelly's**, vesico vaginal fistula.
- *E-1016 **Kelly's**, for depleting the cervix.
- E-1020 **Newman's**, trachelorrhaphy.
- *E-1025 **Pryor's**, for splitting the uterus.

Perineal Retractors

- E-1030 **Doyen-Gelpi's** (see also page 97).

Vaginal Retractors

- E-1035 **Doyen's**, 6 sizes, $2\frac{3}{8} \times 2\frac{3}{8}$ inches, $2\frac{3}{8} \times 4$ inches, $2\frac{3}{8} \times 4\frac{1}{2}$ inches, $1\frac{3}{4} \times 2\frac{3}{4}$ inches, $1\frac{3}{4} \times 4$ inches, $1\frac{3}{4} \times 4\frac{1}{2}$ inches
- E-1036 **Doyen-Kelly's**, 6 sizes, same dimensions as E-1035.
- E-1040 **Eastman's**, 6 sizes, $1\frac{3}{8} \times 2\frac{1}{2}$ inches, $1\frac{3}{8} \times 3$ inches, $1\frac{3}{8} \times 3\frac{1}{2}$ inches, $1\frac{1}{2} \times 2\frac{1}{2}$ inches, $1\frac{1}{2} \times 3$ inches, $1\frac{1}{2} \times 3\frac{1}{2}$ inches.
- E-1041 **Eastman's**, heavy, same dimensions as E-1040.
- E-1045 **Jackson's**, 6 sizes, $1\frac{3}{8} \times 3$ inches, $1\frac{3}{8} \times 3\frac{1}{2}$ inches, $1\frac{3}{8} \times 4$ inches, $1\frac{1}{2} \times 3$ inches, $1\frac{1}{2} \times 3\frac{1}{2}$ inches, $1\frac{1}{2} \times 4$ inches.
- E-1046 **Jackson's**, heavy, 6 sizes, same dimensions as E-1045.
- *E-1050 **Kelly's**, anterior vaginal.
- E-1055 **Kelly-Sims'**, 3 sizes.
- *E-1060 **Martin's**, single.
- E-1061 **Martin's**, double.
- E-1065 **Pilling's**, 6 sizes, $2 \times 1\frac{1}{8}$ inches, $2 \times 1\frac{1}{4}$ inches, $3 \times 1\frac{1}{4}$ inches, $3 \times 1\frac{1}{2}$ inches, $3 \times 1\frac{3}{4}$ inches, $3\frac{1}{2} \times 1\frac{1}{8}$ inches.
- *E-1070 **Pryor's**, grooved.
- *E-1071 **Pryor-Pean's**.
- *E-1072 **Pryor's**, trowel pattern.
- E-1075 **Sims'**, 3 sizes.

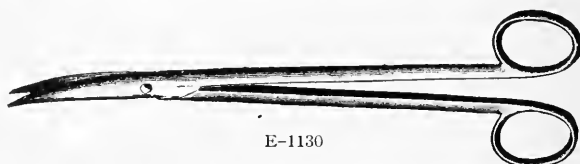
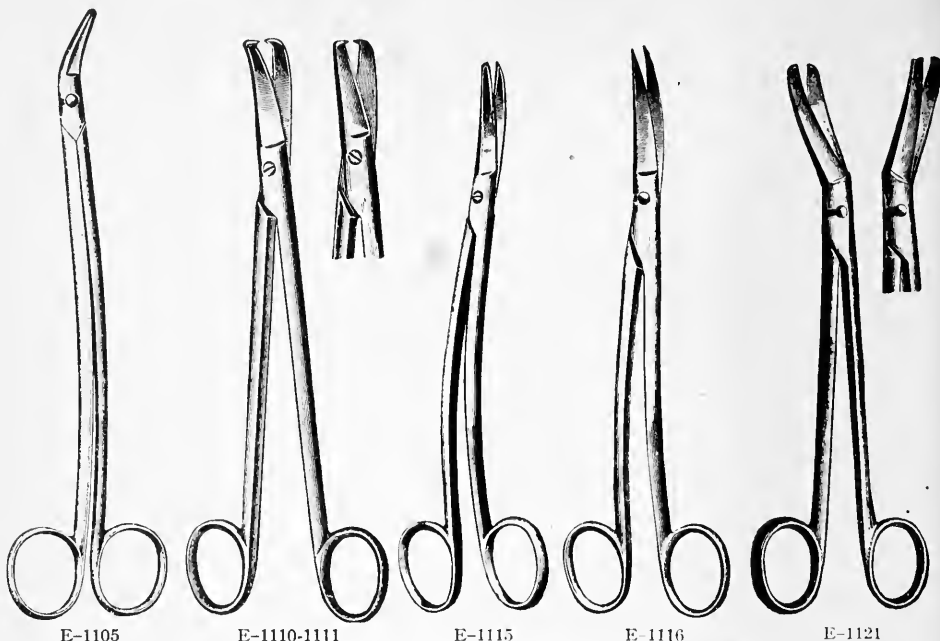


E-1000

E-1000

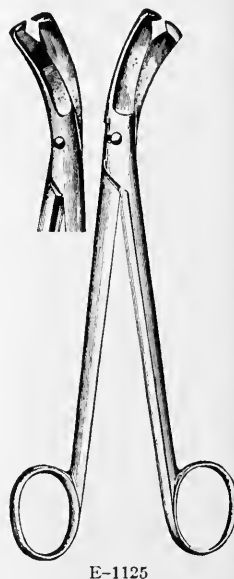


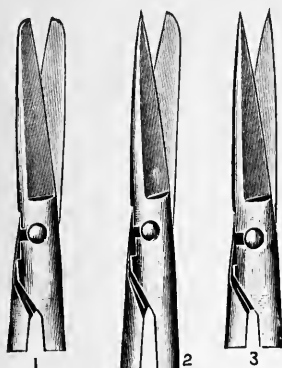
E-1030



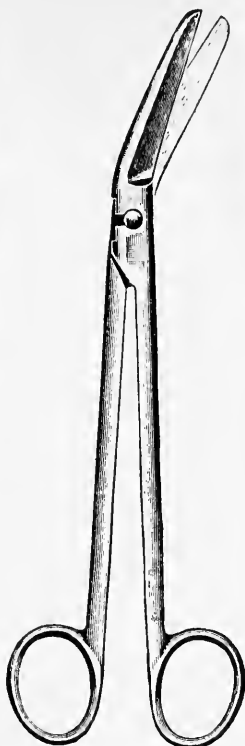
Uterine Scissors

- *E-1100 Angular, 2 points sharp, 8 inches.
- E-1105 **Bozeman's**, double, curved, 7 inches.
- E-1110 **Dawson's**, straight, tenaculum points.
- E-1111 **Dawson's**, curved on flat, tenaculum points.
- E-1115 **Dunsmore's**, original pattern, 7½ inches.
- E-1116 **Dunsmore's**, latest pattern, 7½ inches.
- *E-1120 **Emmet's**, angular bent.
- E-1121 **Emmet's**, lesser curved, right and left.
- E-1122 **Emmet's**, full curved, right and left.
- E-1125 **Hank's**, trachelorraphy, right and left.
- E-1130 **Jenks'**, curved on flat, perineal.

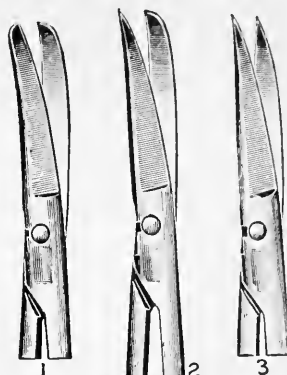




E-1145



E-1142



E-1147



E-1160

Uterine Scissors (Continued)

- E-1135 Kelly's, straight, vesico vaginal fistula, $6\frac{1}{4}$ inches.
- E-1136 Kelly's, curved on flat, vesico vaginal fistula, $6\frac{1}{4}$ inches.
- *E-1140 Sims', bent on flat, probe pointed.
- *E-1141 Sims', bent on flat, blunt pointed, $7\frac{1}{4}$ inches.
- E-1142 Sims', bent on edge, blunt pointed, 8 inches.
- *E-1143 Sims', curved on flat, serrated edges, 8 inches.
- *E-1144 Sims', straight, serrated edges, 8 inches.
- E-1145 Sims', straight, 8 inches.
- *E-1146 Sims', straight, one probe point, 8 inches.
- E-1147 Sims', curved on flat, 8 inches.
- *E-1148 Sims', straight, heavy, 8 inches.
- *E-1149 Sims', curved on flat, heavy, 8 inches.
- *E-1155 Skene's, hawk bill, improved pattern.
- E-1160 Wood's, blade angled on flat, curved handles, 7 inches.

Note—In ordering uterine scissors please be careful to specify the points wanted, No. 1, No. 2, or No. 3.



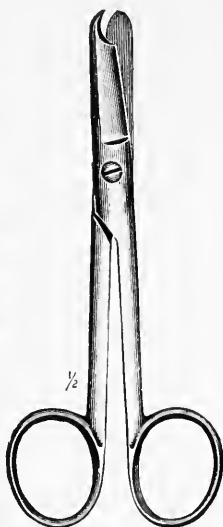
E-1135



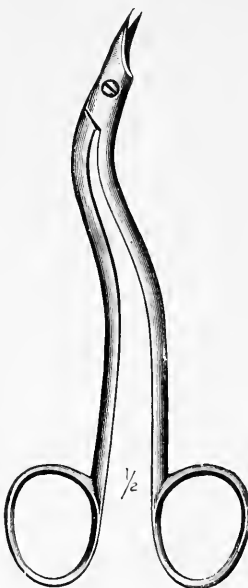
E-1136



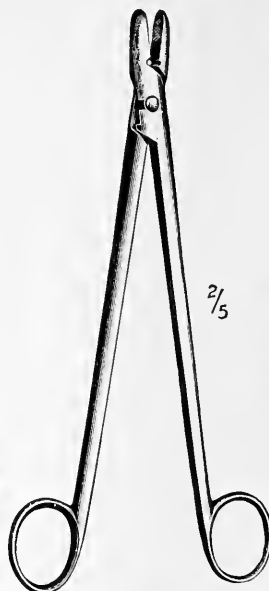
E-1201



E-1205



E-1210



E-1225

$\frac{2}{5}$



E-1216



E-1200



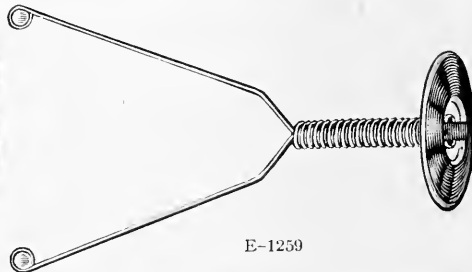
E-1250



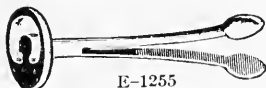
E-1251



E-1257



E-1259



E-1255

Uterine Suture Instruments



E-1265

- E-1200 Emmet's Counter Pressure Hook.
- E-1201 Emmet's Wire Twisting Forceps.
- E-1205 Littauer's Suture Scissors, 8 inches.
- E-1210 Heath's Suture Scissors.
- *E-1215 Sims' Counter Pressure Hook.
- E-1216 Sims' Perforated Shot Adjuster.
- *E-1217 Sims' Pulley.
- *E-1220 Smith's Suture Scissors.

Pessaries, Stem

- E-1225 Thomas' Shot Compressor.
- E-1250 Aluminum, plain, 5 sizes and extra large.
- E-1251 Aluminum, corrugated, 5 sizes and extra large.
- *E-1252 Aluminum, plain, set of 5 with introducer.
- E-1255 Chambers', self retaining, hard rubber or metal.
- E-1257 Ferguson's, wire, aluminum, and silver, 3 sizes.
- E-1259 Ideal, gold, small and large.
- *E-1260 Outerbridge's, set of 6, with introducer.
- *E-1261 Outerbridge's, dilators only, 3 sizes, straight and curved
- E-1263 Plain, hard rubber, straight and curved.
- E-1265 Thomas', glass, straight and curved.
- E-1270 Wylie's, hard rubber.



E-1270



E-1263

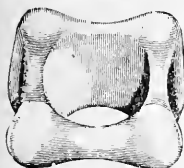
Introducers for Stem Pessaries (see next page)



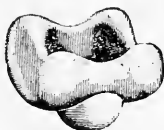
E-1310



E-1305



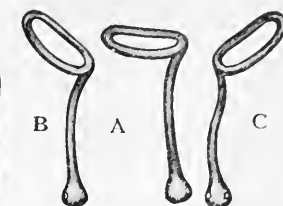
E-1315



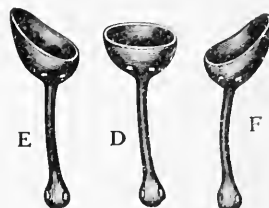
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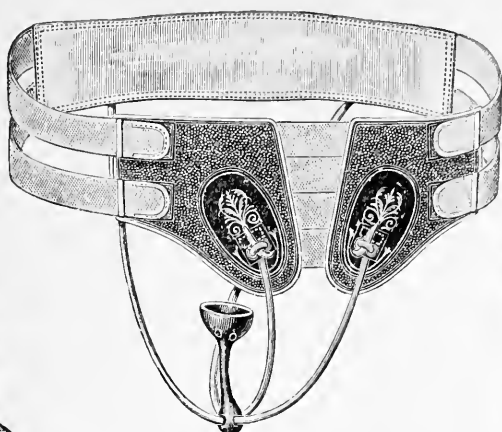
E-1325



E-1322



E-1321



E-1320



E-1330



E-1335

Introducers for Stem Pessaries

- E-1280 Introducer, with slide, for aluminum stem pessaries.
- E-1281 Introducer, **Fulaski**, now made with metal slide to make it self-holding.
- E-1282 Introducer, **Robertson's**.
- E-1283 Introducer, for **Chamber's** stem pessary.

Pessaries

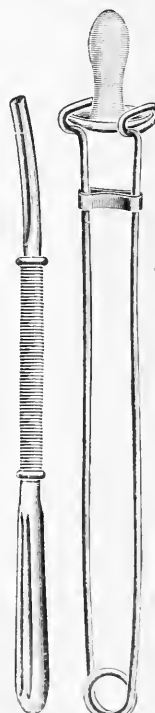
- *E-1290 Bow, 7 sizes, retroversion.
- *E-1295 **Clayton's**, celluloid, flesh color, 60 to 100 mm. in diameter, 5 sizes.
- *E-1300 **Cutter-Thomas'**, with belt, for prolapsus.
- *E-1301 **Cutter-Thomas'**, with belt, for anteversion.
- *E-1302 **Cutter-Thomas'**, with belt, for retroversion.
- E-1305 **Fowler's**, retroversion, plain.
- *E-1306 **Fowler's**, retroversion, with bow.
- E-1310 **Hodge's**, 6 sizes.
- E-1315 **Hoffman's**, soft rubber, 5 sizes.
- E-1316 **Hoffman's**, soft rubber, with sac, 1 size only.
- E-1320 **McIntosh's**, with belt, for prolapsus.
- E-1321 **McIntosh** cups, hard rubber, D prolapsus, E anteversion: F retroversion.
- E-1322 **McIntosh** rings, hard rubber, A prolapsus, B anteversion, C retroversion.
- E-1325 **Menges**, with detachable stem, 50, 55, 60, 65, 70, 75, 80, 85 and 90 mm.
- E-1330 Pear shape, soft rubber, for prolapsus.
- E-1335 Ring, soft rubber, inflated, 4 sizes.



E-1282



E-1280

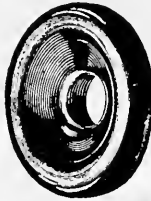


E-1283

E-1281



E-1339



E-1340



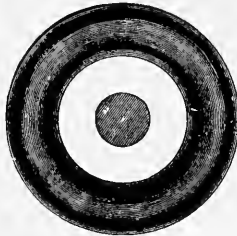
E-1337-1338



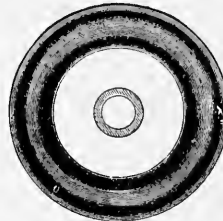
E-1353



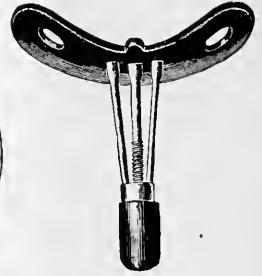
E-1345



E-1341



E-1432



E-1359



E-1350



E-1351



E-1357



E-1358



E-1355

Pessaries

- E-1337 Ring, soft rubber, with spiral spring.
- E-1338 Ring, soft rubber, with copper wire insertion.
- E-1339 Ring, thin, hard rubber, 9 sizes, 2 to 4 inches, in $\frac{1}{4}$ inches.
- E-1340 Ring, hard rubber, concave, 9 sizes, 60 to 90 mm., in 5 mm.
- E-1341 Ring, **Meyer's**, solid Para rubber, 55 to 75 mm.; 80 mm.; 85 and 90 mm.; 95 mm. 100 mm.
- E-1342 Ring, **Meyer's**, hollow Para rubber, 55 to 75 mm.; 80 mm.; 85 and 90 mm. 95 mm. 100 mm.
- E-1345 **Skene's** Cystocoele, hard rubber, 2 sizes.
- E-1350 **Smith's**, hard rubber, retroversion, 7 sizes.
- E-1351 **Smith's**, soft rubber, elastic.
- *E-1352 Spherical, glass, $1\frac{1}{2}$ to 4 inches diameter.
- E-1353 Spherical, hard rubber, 4 sizes.
- E-1355 **Thomas'**, hard rubber, anteversion.
- E-1357 **Thomas-Smith's**, hard rubber, retroflexion.
- E-1358 **Thomas-Smith's**, soft rubber, elastic, retroflexion.
- E-1359 **Zwank's**, hard rubber, with metal stems.



E-1410-1411



E-1412-1413



E-1400



E-1405



E-1445

Obstetric Colpeurynters

- E-1400 **Barnes'**, soft rubber, 3 sizes, in set.
Stop cock, extra.
- E-1405 **Braun's**, soft rubber, with stop cock.
- E-1410 **Champetier de Ribes**, large pattern, with
stop cock, 3 sizes.
- E-1411 **Champetier de Ribes**, small pattern, no
stop cock, 3 sizes.
- E-1412 Forceps, for introducing, large pattern.
- E-1413 Forceps, for introducing, small pattern.
- *E-1415 **Voorhees'**, pear shaped, set of 6 sizes.

Obstetric Dilators

- *E-1420 **Bossi's**, Aesculapius modification.
- *E-1421 **Bossi-Marelli's**, 4 bladed.
- E-1425 **Higgins'**, 5 blades.
- *E-1430 **Leavitt's**, double ended, short broad blades
for obstetric work, long slender blades for
gynecic work.
- E-1435 **Mundus**, heavy.

Obstetric Forceps Traction Hooks

- *E-1440 **McClintock's**, bar.
- E-1445 **Reynold's**, hooks.



E-1435



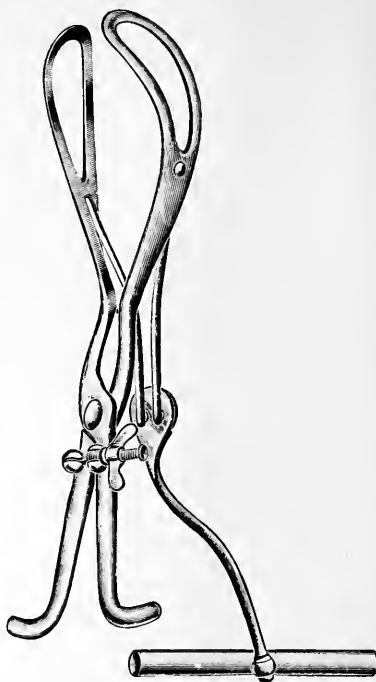
E-1425



E-1470



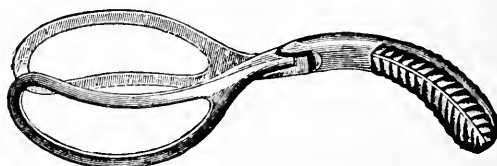
E-1482



E-1510



E-1485-1486



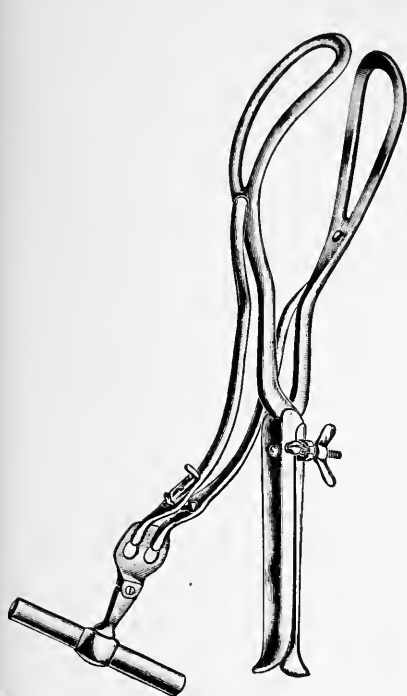
E-1496



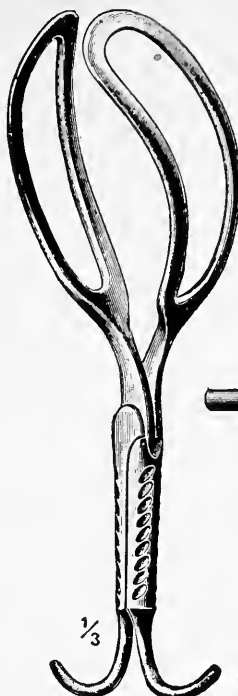
E-1505

Obstetric Forceps

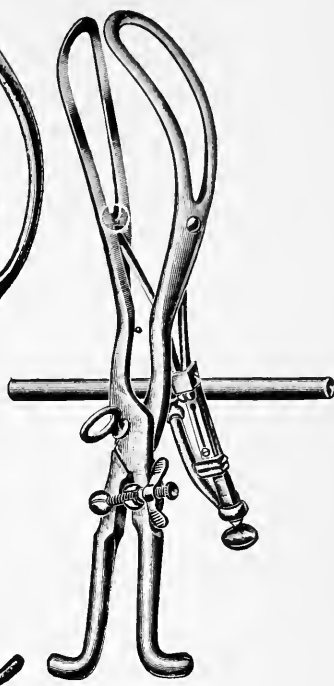
- *E-1466-5 **Aveling's**
- E-1470 **Barnes-Simpson's**, long.
- *E-1475 **Boisliniere's** (St. Louis), long.
- *E-1480 **Braun's**, modified Simpson, long.
- E-1482 **Dewees'**, axis traction, genuine.
- E-1485 **Elliott's**, long.
- E-1486 **Elliott's**, short.
- *E-1490 **Felsenreich's**, axis traction, long.
- *E-1495 **Hale's**, long.
- E-1496 **Hale's**, short.
- *E-1500 **Higgins'**, axis traction, complete with rod, long.
- E-1505 **Hodges'**, long.
- E-1510 **Jewett's**, axis traction.



E-1530



E-1535



E-1545



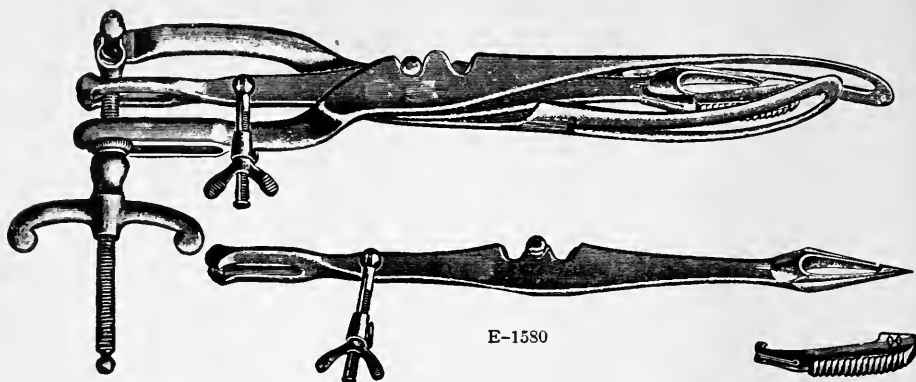
E-1540

Obstetric Forceps (continued)

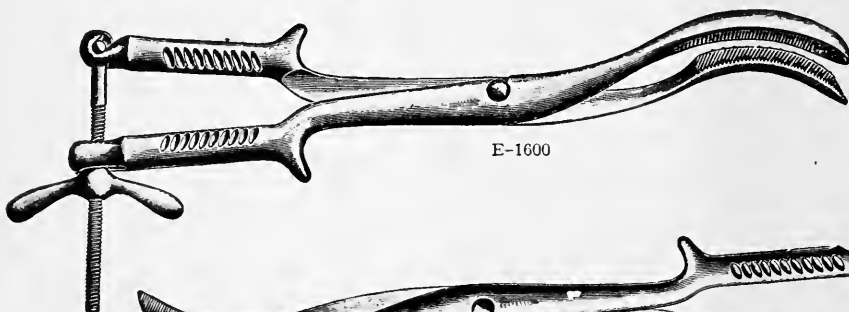
- *E-1515 Leavitt's, long.
- *E-1520 Lusk's, axis traction, long.
- *E-1525 McLean's, long, solid blade.
- E-1530 Milne-Murray's, axis traction.
- E-1535 Sawyer's, short.
- E-1540 Simpson's, long.
- E-1541 Simpson's, short.
- E-1545 Tarnier's, axis traction.
- *E-1550 Wallace's, long.
- *E-1555 Webster's, modification of Milne-Murray's, axis traction.
- *E-1560 Willis', axis traction.



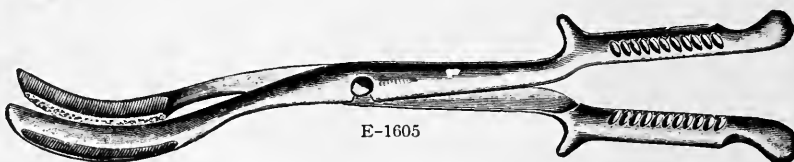
E-1541



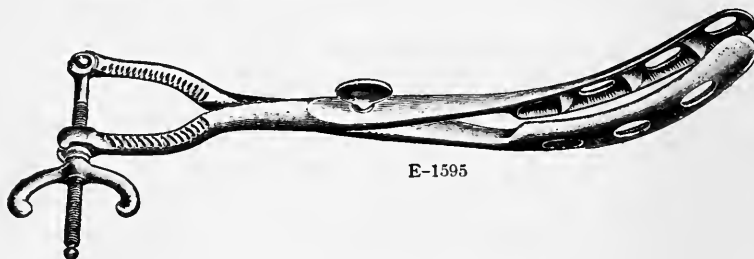
E-1580



E-1600



E-1605



E-1595

Obstetric Instruments

Basiotribes

E-1580 Tarnier's, with perforator, latest model.

Cephalotribes

*E-1585 Braun's.

*E-1590 Lusk's, aseptic.

E-1595 Tarnier's, latest.

Cranioclasts

E-1600 Braun's, aseptic.

E-1605 Simpson's, aseptic.



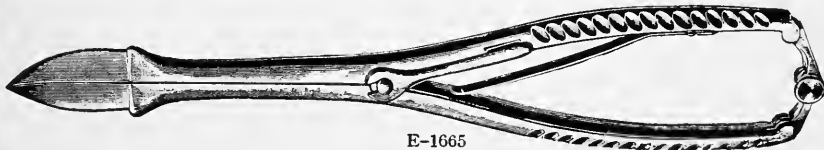
E-1625

E-1630

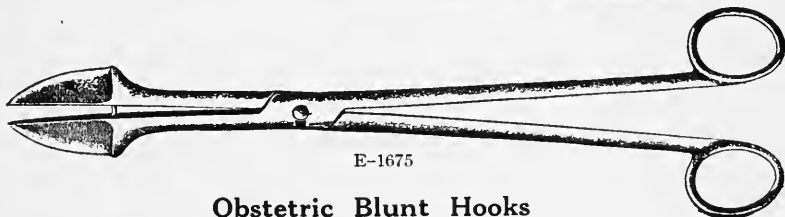
E-1640

E-1636

E-1690



E-1665



E-1675

Obstetric Blunt Hooks

E-1620 Braun's.

E-1625 Plain, with crochet.

Obstetric Craniotomy Forceps

E-1630 Elliott's, curved.

E-1636 Meig's, straight.

E-1635 Meig's, curved.

E-1640 Thomas'.

Obstetric Perforators

E-1650 Bedford's.

E-1665 Naegeli's.

E-1655 Blot's.

E-1670 Simpson's, original model.

E-1660 Braun's, trephine per-
forator.

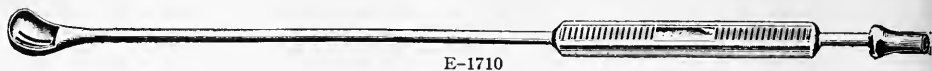
E-1675 Smellie's.
E-1680 Thomas'.

Obstetric Vectis

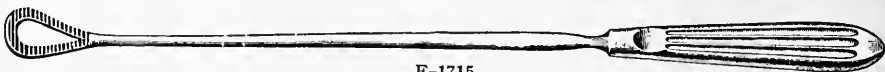
E-1690 Plain, with blunt hook.

E-1695 Plain, with handle.

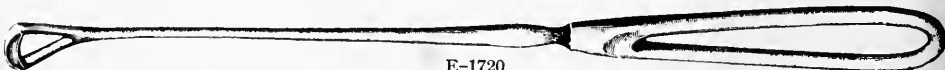
E-1620



E-1710



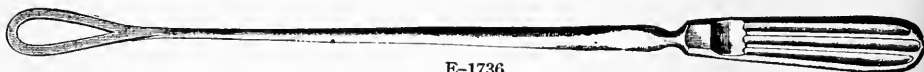
E-1715



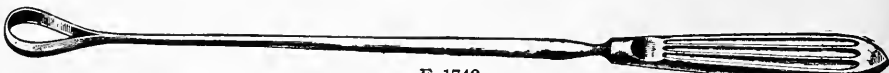
E-1720



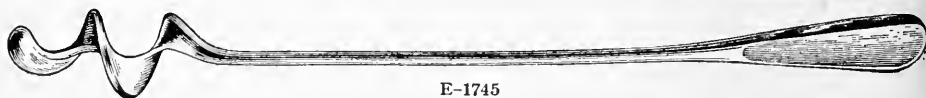
E-1730



E-1736



E-1740



E-1745

Obstetric Instruments

Placenta Curettes

- E-1700 Dewey's, with hook.
- *E-1705 Engelman's, serrated edge.
- E-1710 Goldstein's, irrigating.
- E-1715 Green's, serrated.
- E-1720 Hirst's, 2 sizes.
- E-1725 Leavitt's, hook shape.
- E-1730 McDade's, plain.
- *E-1731 McDade's, serrated edge.
- *E-1732 McDade's, serrated edge, irrigating.
- *E-1735 Munde's, original.
- E-1736 Munde's, improved, broad flat blade, 3 sizes.
- E-1740 Reynold's, 3 sizes.
- *E-1741 Reynold's, rinsing, 3 sizes.
- E-1745 Spiral, 2 sizes.
- *E-1750 Winter's, abortion.

Embryotomy Knives

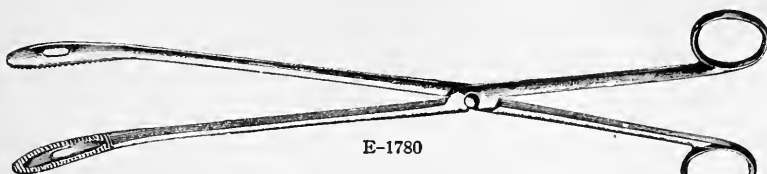
- *E-1755 Braun's.
- *E-1760 Schultze's.



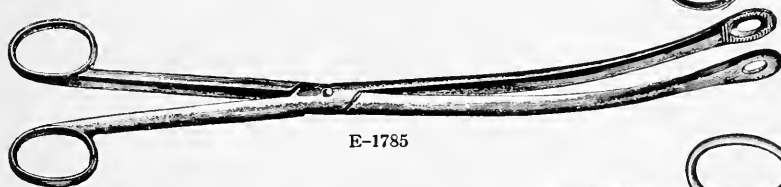
E-1700



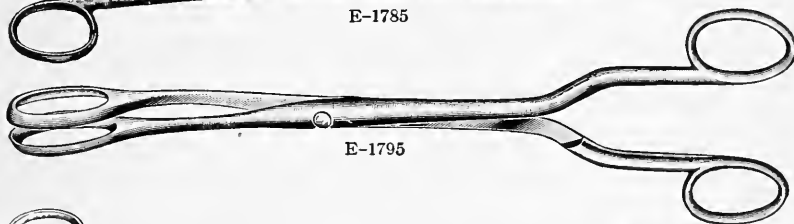
E-1725



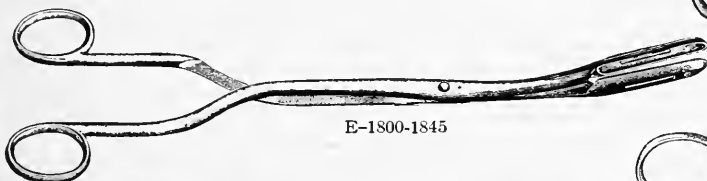
E-1780



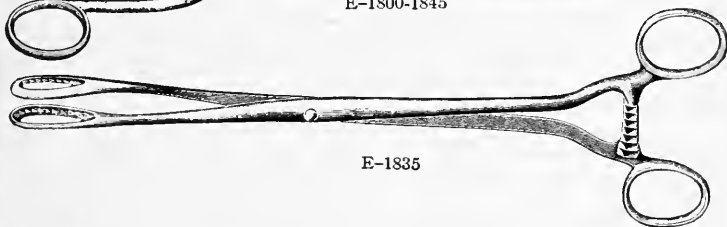
E-1785



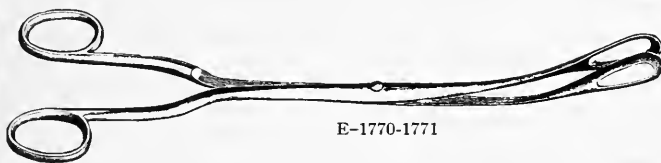
E-1795



E-1800-1845



E-1835

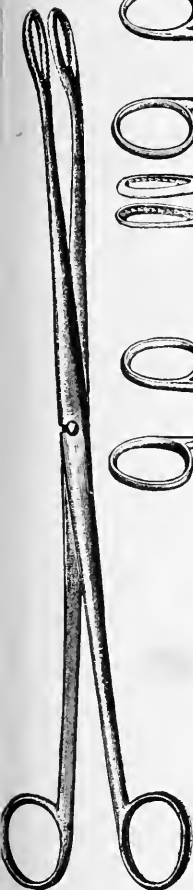


E-1770-1771

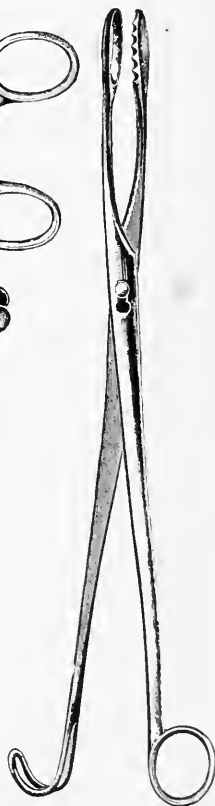
Obstetric Instruments

Placenta Forceps

- E-1770 Barrett's, small.
- E-1771 Barrett's, large.
- *E-1775 Boldt's.
- E-1780 Bond's.
- E-1785 Budd's.
- *E-1790 Chamberlain's.
- E-1795 Corey's.
- E-1800 Emmet's, curette.
- *E-1805 Grosvenor's.
- E-1810 Haslam's, combined with hook and curette.
- E-1815 Kelly's.
- *E-1820 Leonard's, combined with curette.
- *E-1825 Loomis's.
- *E-1830 Munde's.
- E-1835 Saenger's.
- *E-1840 Schnetter's.
- *E-1845 Tiemann's, embryotomy.
- *E-1850 Ward's.



E-1815



E-1810



E-1885



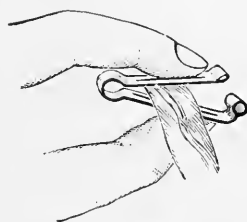
E-1925



E-1950-1951



E-1890



E-1920



E-1955

Obstetric Instruments

Pelvimeters

- E-1880 Breisky's.
- E-1885 Carsten's, steel.
- E-1890 Collins', steel.
- E-1895 Collyer's, steel.
- E-1896 Collyer's, bronze.
- E-1900 Martin's.
- E-1905 Williams', internal.

Obstetric Sundries

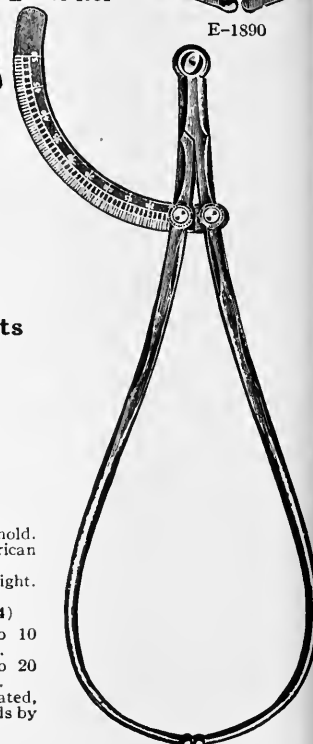
- E-1920 Umbilical Clamp, Surehold.
- E-1925 Umbilical Scissors, American pattern.
- E-1926 Umbilical Scissors, straight.

Baby Scales (see also page 14)

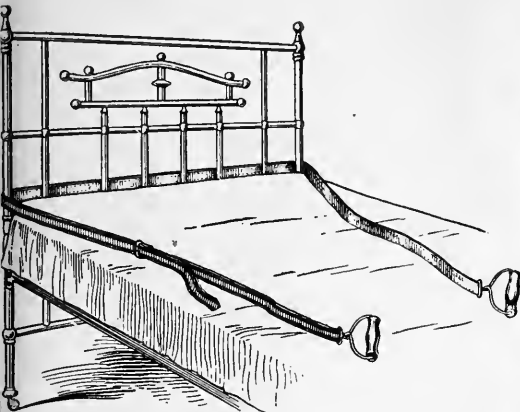
- E-1950 Spring, weighing up to 10 pounds by $\frac{1}{4}$ pounds.
- E-1951 Spring, weighing up to 20 pounds by $\frac{1}{4}$ pounds.
- E-1955 Brass dial, nickel plated, weighs up to 25 pounds by ounces.



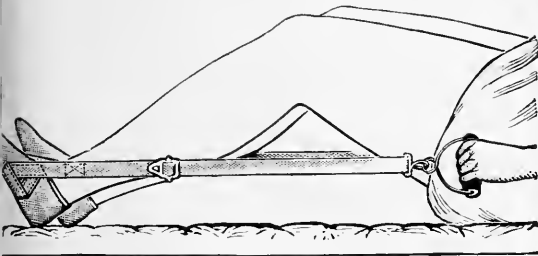
E-1895-1896



E-1900



E-1985

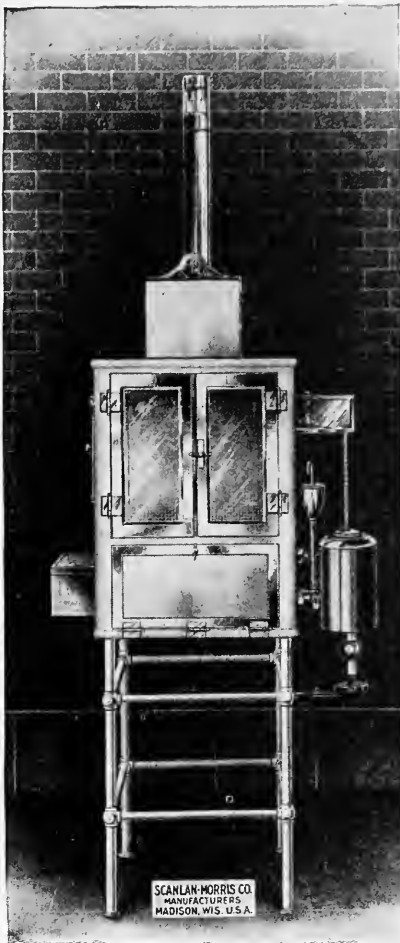


E-1980

Obstetric Aids

E-1980 **Haslam-Klein's**, Obstetric slippers, canvas.

E-1985 **Sterling-Lopez'**, obstetric bed straps, adjustable.



E-1990-1991

Infant Incubator, devised by Dr. J. B. DeLee; in use at the Chicago Lying-in Hospital

The DeLee incubator is built of steel and glass, so constructed as to permit of the thorough cleansing of all parts. All parts of the apparatus are carefully and accurately made. The body of the incubator and stand are finished in aluminum bronze; the doors fitted with plate glass.

Circular giving full description mailed upon request.

E-1990 **DeLee's** Infant Incubator, gas heated.

E-1991 **DeLee's** Infant Incubator, electrically heated by light bulbs.



E-2500



E-2510



E-2505



E-2515

Physicians' Leather Bags

- E-2500 **Boston Bag**, black seal grain leather, leather lined, with holder for bottle pad, and pocket, sizes 12, 13, 14 15 and 16 inches.
- E-2505 **Boston Bag**, sole leather, tan or black, leather lined, with holder for bottle pad, and pocket, sizes, 12, 13, 14, 15 and 16 inches.
- E-2510 **Club Style Bag**, black seal grain leather, leather lined, solid brass trimmings, nickel plated, with pocket, loop for bottle pad and loops in top for instruments, sizes, 12 x 6½ x 4½ inches, 14 x 7 x 5 inches, 16 x 8 x 6 inches, 17 x 8½ x 6¼ inches, 18 x 8½ x 6½ inches.
- E-2515 **Club Style Bag**, black sole leather, leather lined, English frame, solid brass lock and trimmings, leather corners, with loop for bottle pad, pocket for sundries and loops in top for instruments, sizes, 16 x 10 x 8 inches, 17 x 10½ x 8¼ inches, 18 x 11 x 8½ inches.

Illustrated catalogue of a complete line of leather bags and cases sent on request.



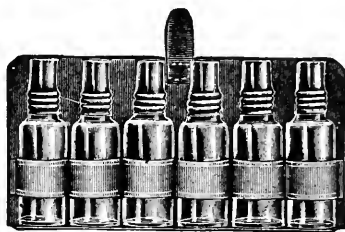
E-2520



E-2525



E-2530



E-2535

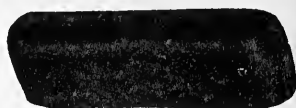
Physicians' Leather Bags

- E-2520 **Cabin Style Bag**, black seal grain leather, leather lined, nickel-plated trimmings, with loop for bottle pad, pocket for sundries and loops in top for instruments, sizes, 12 x 7½ x 6⅝ inches, 14 x 7½ x 6⅝ inches, 15 x 7½ x 6⅝ inches, 16 x 7½ x 6⅝ inches, 17 x 7½ x 6⅝ inches, 18 x 7½ x 6⅝ inches.
- E-2525 **Cabin Style Bag**, deep pattern, black walrus grain leather, English frame, leather lined, solid brass trimmings, with adjustable loops for bottles, pocket for sundries and loops in top for instruments, sizes, 16 x 11¼ x 6¾ inches, 17 x 11¼ x 6¾ inches, 18 x 11¼ x 6¾ inches.
- E-2530 **Combination Cabin Bag**, black seal or walrus grain leather, leather lined, brass trimmings. This bag has two compartments, the top has a loop for bottle pad and a pocket for sundries, the bottom is made to hold a copper sterilizer 16 x 6 x 3¼ inches; size of bag, 17 x 11 x 6⅝ inches.
- E-2535 Bottle Pad with 6 G. S. M. C. bottles, 1½ ounce.
- *E-2536 Bottle Pad with 5 G. S. M. C. bottles, 1½ ounce.
- *E-2537 Bottle Pad with 4 G. S. M. C. bottles, 1½ ounce.
- *E-2540 Copper Sterilizer, 16 x 6 x 3¼ inches.

Illustrated catalogue of a complete line of leather bags and cases sent on request.



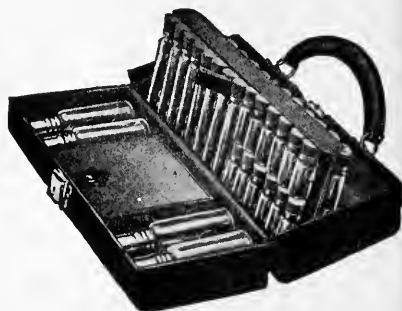
E-2550-E-2551



E-2565



E-2555-E-2556



E-2560

Physicians' Medicine Cases

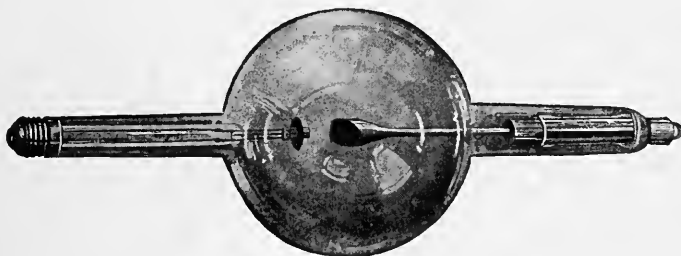
- E-2550 **Medicine Case**, black sole leather, hand sewed, hinged center partition, best cloth lining, contents: 18—4 dram, 12—2 dram and 10—1 ounce cork-stoppered vials, 4—1½ ounce ground stoppered and metal-capped bottles, also a covered box for sundries, size, 11 inches long, 6 inches high, 4¾ inches wide.
- E-2551 **Medicine Case**, same as E-2550, but leather lined.
- E-2555 **Medicine and Instrument Case** combined, black sole leather, hand sewed, hinged center partition with protective flange to keep corks in place, best cloth lining, contents: 19—5 dram and 16—6 dram cork-stoppered vials, 6—1½ ounce glass-stoppered and metal-capped bottles, also large sundry space with loops for instruments, size, 17 inches long, 6 inches high, 5½ inches wide.
- E-2556 **Medicine Case**, same as E-2555, but only 14 inches long, contents: 16—5 dram and 16—6 dram cork-stoppered vials, 4—1½ ounce glass stoppered and metal-capped bottles.
- E-2560 **Medicine Case**, black sole leather, hand sewed, hinged center partition with protective flange, red leather lining, contents: 22—4 dram and 12—2 dram cork-stoppered vials, 4—1 ounce ground-stoppered and metal-capped bottles, sundry space, 1 inch x 4 inch x 4 inch.
- E-2565 **Pocket Medicine Case**, black sole leather, hand sewed, velvet lined, contentst: 24—2 dram screw capped vials.

Illustrated catalogue of a complete line of leather bags and cases sent on request.

Section "F"

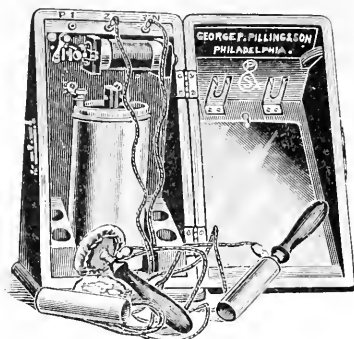


Electric Cautery Transformers
Electro-Cautery Burners and Accessories
Electric Current Controllers
Electro-Diagnostic Outfits
Electrolysis Instruments
Electro-Therapeutic Lamps
Faradic Batteries
Galvanic Batteries

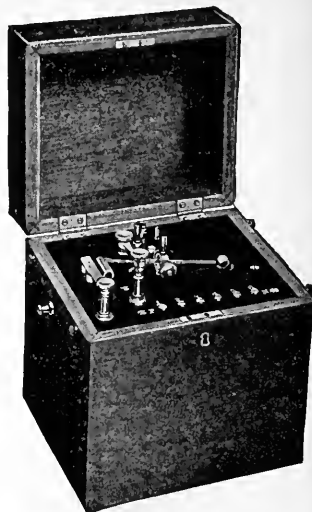


Illustrated Descriptive Literature on Electrical Equipment not embodied in this catalogue owing to lack of space will be sent on request for the following:

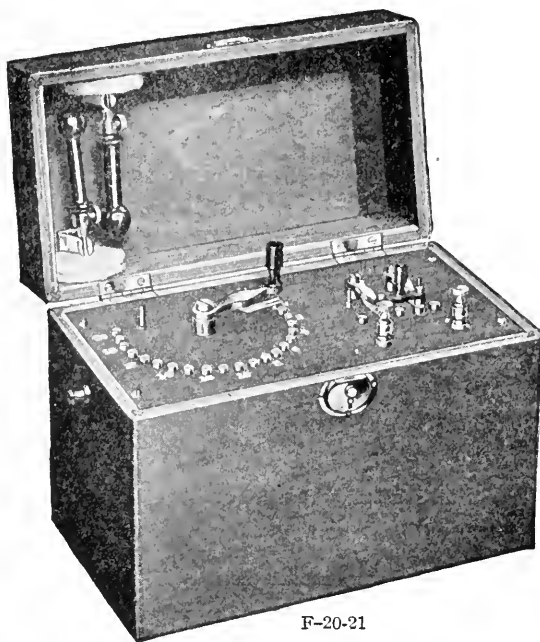
Electric Cabinets
Electric Eye Magnets
Electric High Frequency Apparatus
Electric Vibrators for Massage
Electric Wall Plates
X-Ray Equipment and Accessories



F-5



F-15



F-20-21



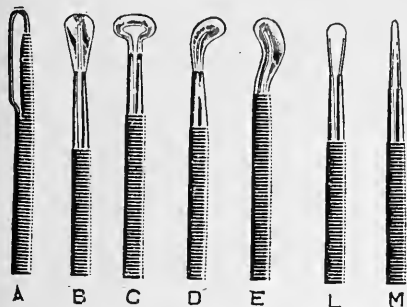
F-30

Faradic and Galvanic Batteries

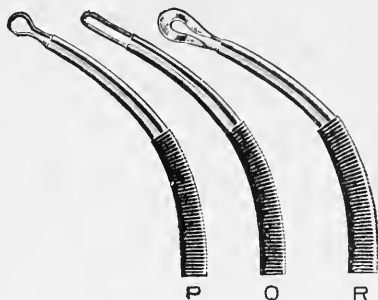
- F- 5 **Domestic**, faradic battery, single cell, with foot plate, 2 shell electrodes, 2 handles, 2 sponge electrodes and silk covered cords, without cells. Any standard dry cells will fit.
- *F-10 **Domestic**, faradic battery, double cell, same as No. F-5, with more powerful current, without cells. Any standard dry cells will fit. Nos. F-5 and F-10 are put up in solid mahogany hand-polished cases.
- F-15 **Keystone**, faradic battery No. 3, with slow and rapid interrupters, complete with 2 sponge electrodes and handles, and cords in polished walnut case with lock and carrying strap.
- *F-16 **Keystone** Cells for above.
- F-20 **Keystone**, galvanic battery, 12 cell and 16 cell without pole changer, complete with 2 handles sponge electrodes and cords.
- F-21 **Keystone**, galvanic battery, 20 cell, 24 cell and 30 cell, with pole changer, complete with 2 handles, sponge electrodes and cords. Nos. F-20 and 21 are put up in polished mahogany cases with carrying straps.
- *F-22 **Keystone** Cells for above.

Electro-Therapeutic Lamps

- F-30 **Stein-O-Lite**, complete with 250-watt bulb, 8 feet silk covered cable and attachment plug, for 110 to 125 volt direct or alternating current.
- *F-31 **Stein-O-Lite**, same as above, but on portable stand with flexible metal stem.
- *F-32 **Stein-O-Lite**, extra bulbs for above.



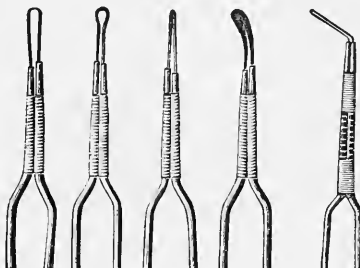
F-60



F-61



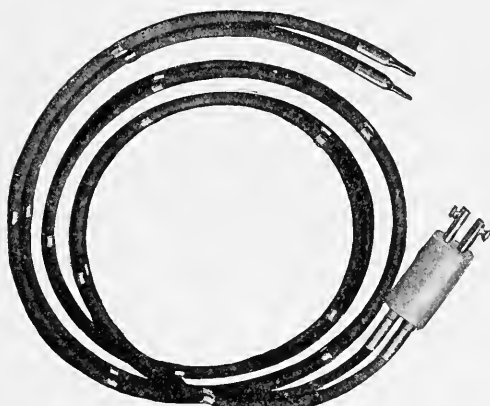
F-70-71-90



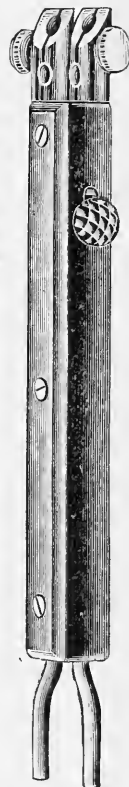
F-65



F-85



E-95



F-75

Electric Cautery Burners

- F- 60 Platinum Burners, straight, A to M.
- F- 61 Platinum Burners, curved, P, Q, R.
- F- 65 Platinum Burners, for eye work, 1 to 5.
- F- 70 Ziegler's Set of Platinum Burners, for eye work, complete with handle in case.
- F- 71 Ziegler's Platinum Burners only.

Electric Cautery Handles

- F- 75 Pilling's, with binding screws at burner end only.
- *F- 80 Seiler's, universal.
- F- 85 Western, with binding screws at both ends.
- F- 90 Ziegler's, for eye cautery knives.

Electric Cautery Cords

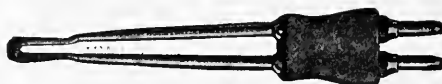
- F- 95 Geiger's, for Downes' cautery, heavy cable.
- F-100 Cautery Cords, regular.



F-120-121



F-123



F-130

Downes' Cautery Transformers

- F-120 **Downes' No. 4**, for alternating current, for Downes' knives up to 100 amperes.
- F-121 **Downes' No. 4**, same as above but with foot switch.
- *F-122 Foot Switch for above.
- F-123 **Downes' No. 6**, for direct current, for Downes' knives up to 100 amperes.

Downes' Cautery Knives

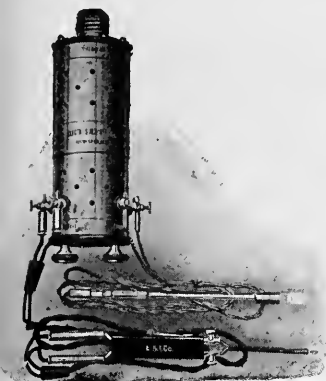
- F-130 **Downes'**, short, $4\frac{1}{2}$ inches long.
- F-131 **Downes'**, with extra long handle, length 8 inches
- F-132 **Downes'**, spiral dome, length 8 inches, the spiral is $\frac{5}{8}$ inch in diameter by $\frac{3}{8}$ inch long.



F-131



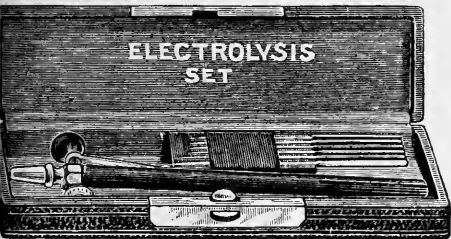
F-132



F-135-137



F-140



F-150



F-160



F-161-162



F-163



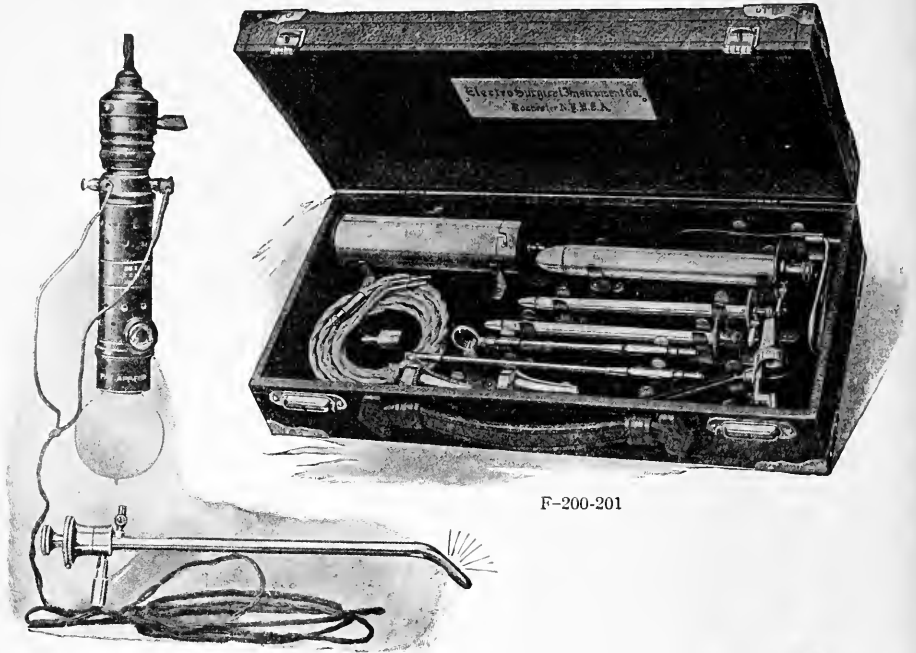
F-155

Cautery Transformers (continued)

- F-135 **E. S. I. Co.** Socket Cautery and Light Transformer, for alternating current, without cords.
- F-136 **E. S. I. Co.** Lamp Cords only for the above.
- F-137 **E. S. I. Co.** Cautery Cords only for the above.
When ordering please state voltage and cyclage of current on which transformer F-135 is to be used.
- F-140 **Wappler** Ground Free, Light and Cautery Transformer for alternating current complete with 7-foot connecting cable and attachment plug.

Electrolysis Instruments

- F-150 Electrolysis Set, consisting of 1 handle with interrupter, 1 iridioplatinum needle and 6 steel needles, in case.
- F-155 Electrolysis Handle, with interrupter.
- F-160 Electrolysis Needle, platinum, plain.
- F-161 Electrolysis Needle, Hayes', platinum, bulbous end.
- F-162 Electrolysis Needle, Hayes', regular, bulbous end.
- F-163 Electrolysis Needle, steel, plain.



F-200-201

F-215

Electro-Diagnostic Outfits

F-200 **E. S. I. Co.** General, in leather-covered case, contents:

- 1 Tungsten Battery with conducting cords.
- 1 Auriscope, Style B, with three specula (furnished with or without handle).
- 1 Laryngoscope.
- 1 Tongue Depressor.
- 1 General Diagnostic Illuminator.
- 2 Koch Urethroscopes (any sizes).
- 1 Light Carrier for Urethroscopes (Interchangeable).
- 1 E. S. I. Co. Proctoscope (any size).
- 1 Light Carrier for Proctoscope.

F-201 **E. S. I. Co.** General, same as above, but with socket current controller instead of Tungsten battery.

Any selection of E. S. I. Co. General diagnostic instruments will be fitted into a case upon order.

F-205 **E. S. I. Co.** Tungsten Battery, with rheostat.

F-210 **E. S. I. Co.** Conducting Cords, regular, silk or rubber covered.

F-211 **E. S. I. Co.** Conducting Cords, with make and break attachment, silk or rubber covered.

Socket Current Controllers (see also page 243)

F-215 **E. S. I. Co.**, complete with resistance lamp and cords.

F-220 **Steiner's**, complete with resistance lamp.

F-225 **Wappler's**, complete with resistance lamp.



F-205

Section "G"



Office Furniture

Office Sterilizing Apparatus

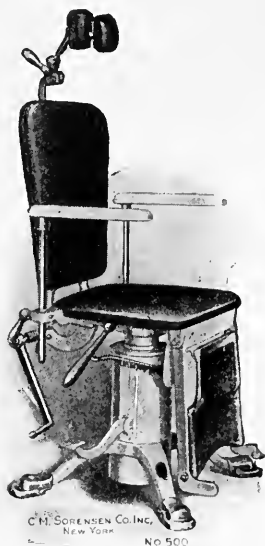
Hospital Supplies

Surgical Rubber Goods

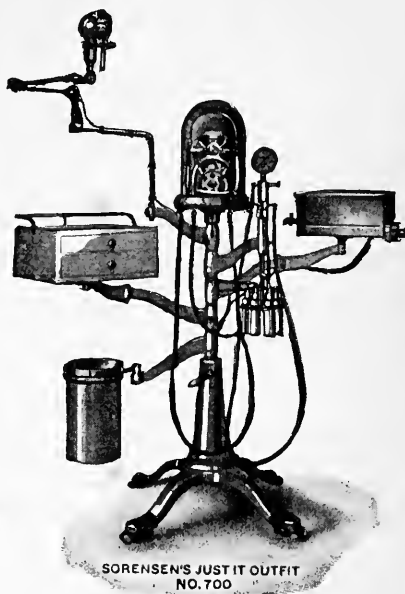
Sick Room Utensils

Invalid Rolling Chairs

Invalid Supplies



G-5-10-15



G-1

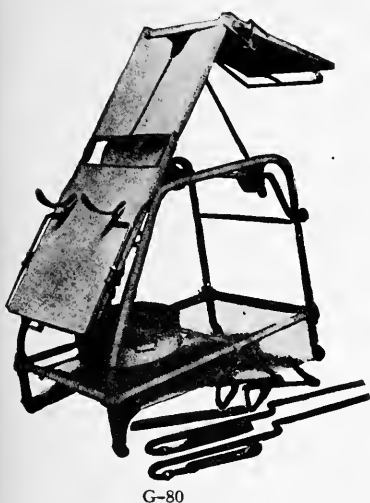
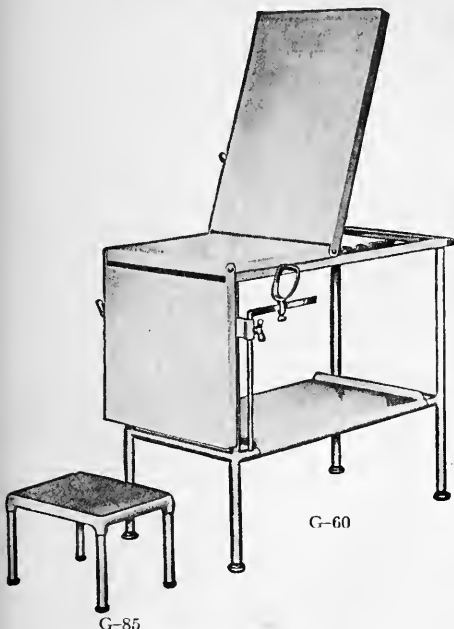


G-20

Sorensen's Specialist Outfit No. 999

- G- 1 **Sorensen's** Just-It Specialist Outfit is composed of practical appliances, used by all Nose and Throat men: Electric Sterilizer, Sanitary Waste Receptacle, Adjustable Swinging Instrument Cabinet, Compressed Air for Spraying and Nebulizing, Suction for drawing pus, blood, vacuumizing and sinus cleansing, Universal Condensor for more and better light where wanted. A single cord connection to receptacle connects all electric features.
- G- 5 **Sorensen's** Universal Specialist Chair, as illustrated, is shown in its lowest position (height from floor to seat 20 inches) with the backrest at right angle, headrest in the center, with the footrest turned up, enabling the operator to come close to the patient for general examining of Eye, Ear, Nose and Throat. G-5 includes No. 525 Sorensen's Cuspidor and No. 535 Adjustable Instrument Tray, with supporting arm rods, and double swinging brackets, not shown.
- G-10 **Sorensen's** Universal Specialist Chair, as illustrated, including Sorensen's No. 535 Adjustable Instrument Tray, with swinging bracket, not shown.
- G-15 **Sorensen's** Universal Specialist Chair only, as illustrated.
- G-20 **Sorensen's** Operators' Stool, with steel porcelain base and with adjustable upholstered seat. Lowest position 20 inches, highest position 30 inches. When ordering specify what color of upholstery desired on chair and stool.

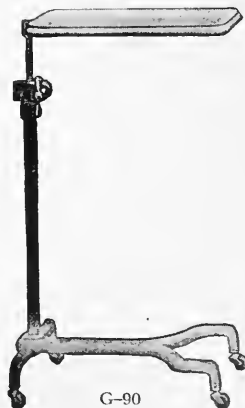
Chair and Just-It Booklets, or complete catalogue mailed upon request.

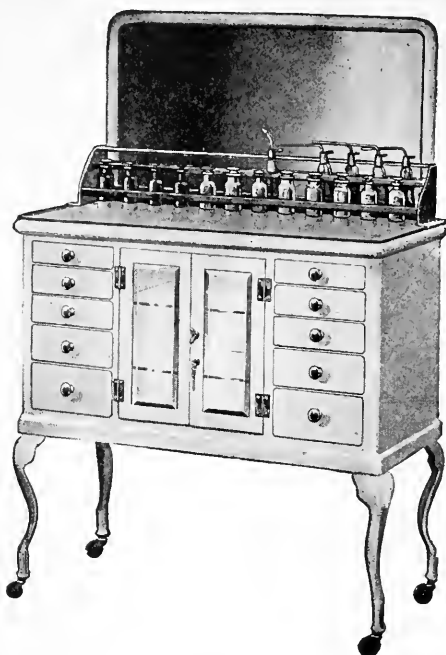


Office Furniture

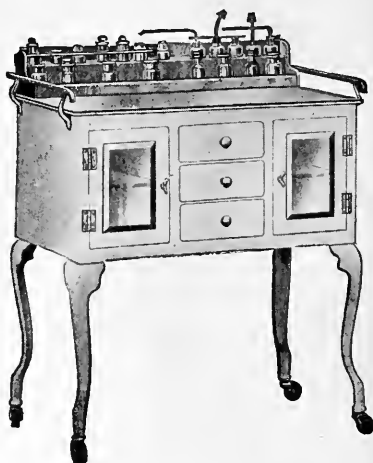
- G-60 Office Examining and Treatment Table, complete with stirrups.
- *G-61 Office Table, same as G-60 but without shelf.
- G-62 Office Table, same as G-60, with 2 drawers.
- *G-63 Office Table, same as G-62, without shelf.
- G-64 Cushions to fit any of the above tables, made of leatherette.
- G-70 **Buchanan's** Portable Operating Table or Office Chair, complete with stirrups and leg holders.
- *G-71 Irrigator Rod with irrigator, tubing, nozzle and cut-off, for Buchanan's table.
- *G-72 Cushions for Buchanan's table.
- *G-73 Canvas Carrying Pouch for folded Buchanan's table.
- G-80 **Isaac's** Operating Table or Office Chair, complete with stirrups and leg holders.
- G-85 Foot Stool, with rubber top or linoleum top.
- G-90 **Mayo's** Instrument Rack, with removable porcelain enameled tray.

Complete catalogue of office furniture sent on request.

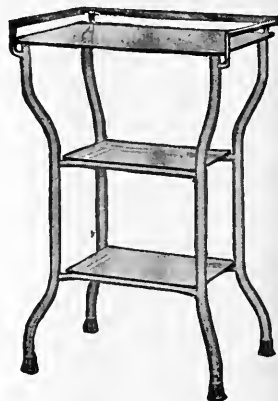




G-100



G-105

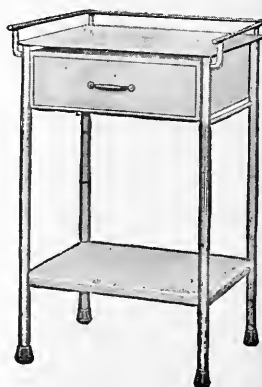


G-110

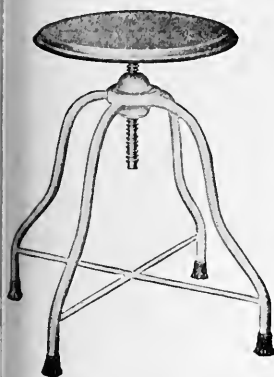
Office Furniture

- G-100 Specialist's Cabinet, Multum in Parvo, with rack for 12 atomizers and 12 2-ounce ground-stoppered, salt mouth bottles, plate-glass mirror, doors, shelves and top, complete with 12 crystal, blue and amber bottles, white enameled.
- G-105 Specialist's Cabinet, with bottle rack, plate-glass doors, shelves, and top 16 x 30 inches, without bottles, white enameled.
- G-110 Side Table, Gem, 16 x 20 inches, polished plate-glass top, two plate-glass shelves, and nickel-plated guard rail.
- G-115 Side Table, 16 x 20 inches, polished plate-glass top, nickel-plated guard rail, enclosed drawer and white enameled shelf.

Complete catalogue of office furniture sent on request.



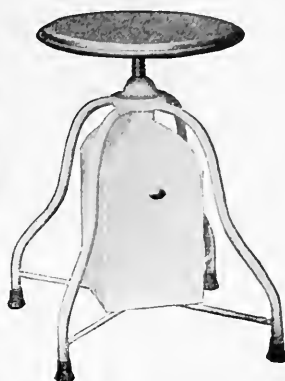
G-115



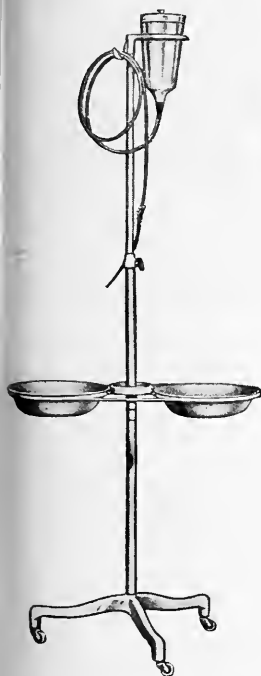
G-125



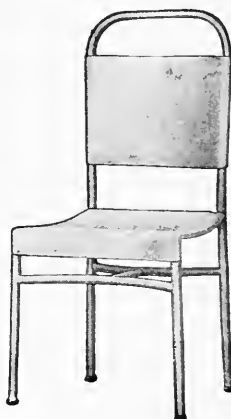
G-120



G-126



G-135



G-130

Office Furniture

G-120 Specialist's Chair, with adjustable back, seat, arms and head rest, nickel-plated seat, arms, head rest and fittings, white enameled.

G-125 Specialist's Stool, with nickel-plated seat, adjustable.

G-126 Specialist's Stool, with nickel-plated seat, adjustable, and waste receptacle.

G-130 Office Chair, tubular construction, white enameled.

*G-131 Office Chair, same as G-130, but with slightly lower back.



G-140-141

G-135 Irrigator and Basin Stand, complete as shown.

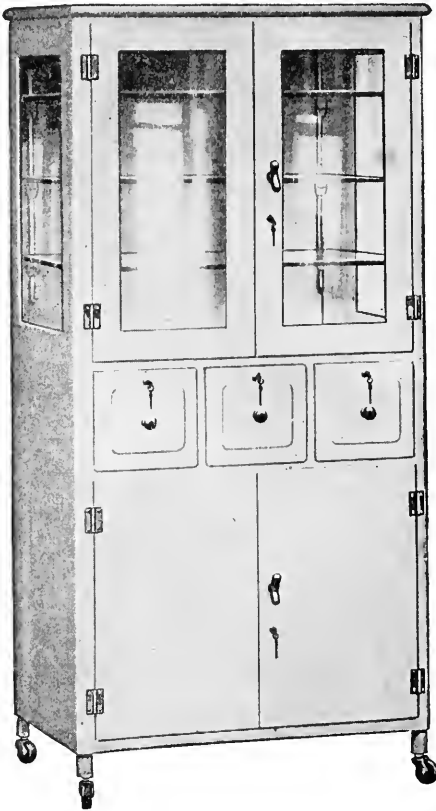
*G-136 Irrigator Stand, plain upright with three hooks.

*G-137 Irrigator Stand, with adjustable hook for raising or lowering.

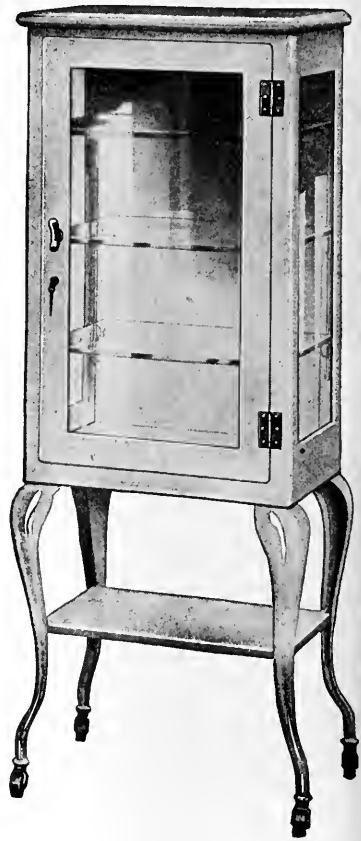
G-140 Sanitary Waste Receptacle, white enameled, opens with foot pressure, sizes 2, 6, 8 and 10 gallons.

G-141 Sanitary Waste Receptacle, same as G-140, but aluminum finish on galvanized iron, sizes 3, 6, 8 and 10 gallons.

Complete catalogue of office furniture sent on request.



G-150



G-155

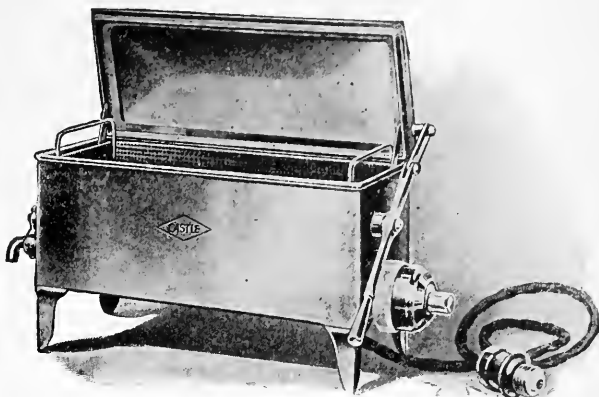
Office Furniture

- G-150 Instrument and Dressing Cabinet combined, with polished plate-glass doors, sides and shelves, locks and keys for doors and drawers, size over all, 62 x 30 x 16 inches, white enameled.
- G-155 Instrument Cabinet, with polished plate-glass door, sides and shelves, size over all, 56 x 20 x 16 inches, white enameled.

Complete catalogue of office furniture sent on request.



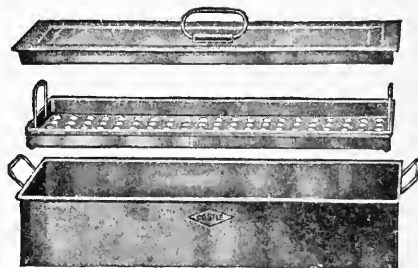
G-200



G-210



G-205

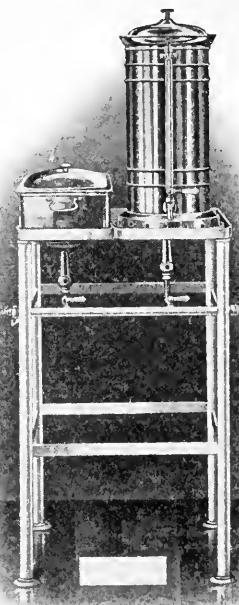


G-215

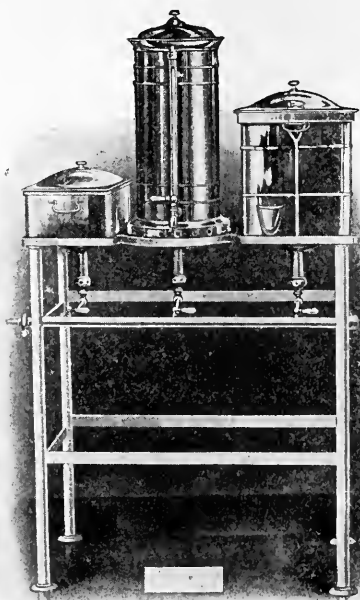
Office Sterilizers

- G-200 Rochester Dressing and Instrument Sterilizer combined, copper, nickel plated, for gas heating, sizes: 10 x 4½ x 4½ inches; 14 x 6 x 6 inches; 16 x 6¾ x 7 inches; 18 x 7½ x 8 inches; 22 x 10 x 10 inches.
- G-205 Rochester Dressing and Instrument sterilizer combined, copper, nickel plated, for electric heating, direct or alternating current, sizes the same as gas-heated sterilizers. When ordering state voltage.
- G-210 Instrument Sterilizer, copper, nickel plated, with safety cover raising device, electrically heated, direct or alternating current, sizes: 10½ x 5 x 3¼ inches; 13 x 5 x 3¼ inches; 16 x 6 x 3½ inches. When ordering state voltage.
- G-215 Instrument Sterilizer, copper, with tray, sizes: 6½ x 4¼ x 4¼ inches; 9 x 5 x 1½ inches; 11 x 5½ x 1¾ inches; 13 x 6 x 2½ inches; 16 x 5 x 3 inches; 16 x 6½ x 3¼ inches; 18 x 7 x 3½ inches.
- *G-220 Instrument Sterilizer, copper, with tray and folding legs, sizes: 8 x 5 x 2½ inches; 12 x 5 x 2½ inches; 16 x 3 x 3 inches; 16 x 5 x 2½ inches; 16 x 6 x 2½ inches; 16 x 6 x 3 inches; 17½ x 6 x 3 inches.

Complete illustrated list of office sterilizers sent on request.



G-230



G-235

Office Sterilizers

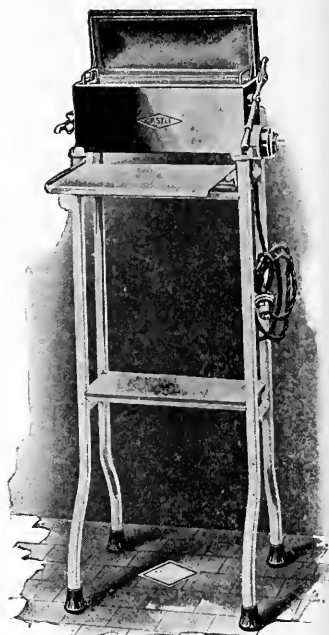
G-230 **The Monona**, Water and Instrument Sterilizing Plant, on white enameled stand, nickel-plated copper sterilizers, with gas, gasoline or denatured alcohol burners.

G-235 **The Wisconsin**, Water, Instrument and Dressing Sterilizing Plant, on white enameled stand, nickel-plated copper sterilizers, with gas, gasoline or denatured alcohol burners.

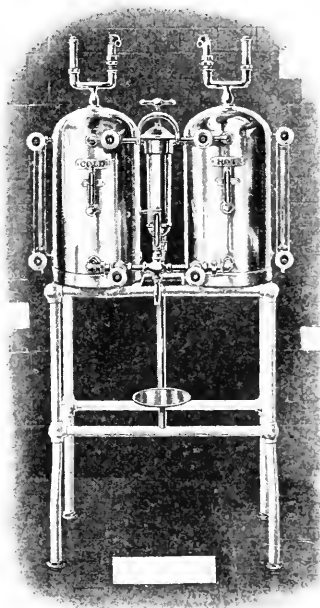
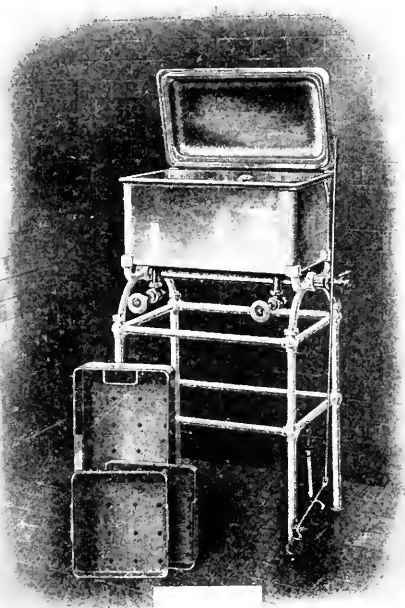
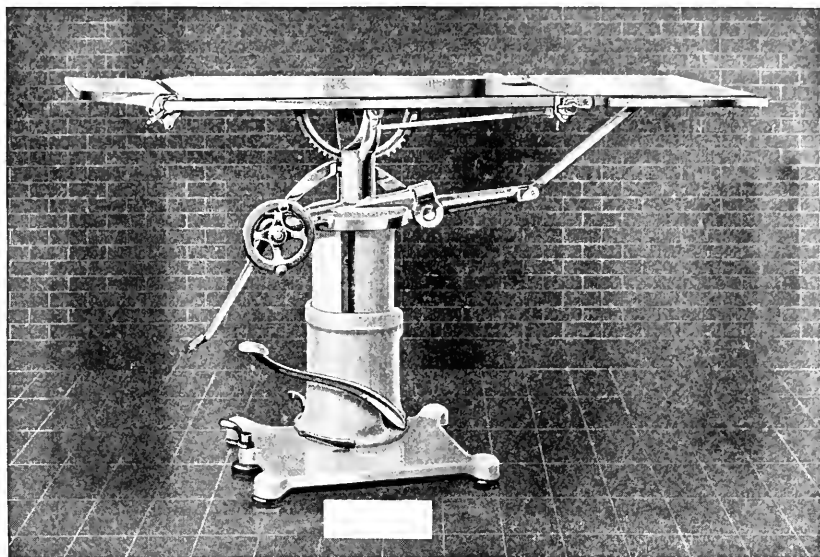
G-240 Instrument Sterilizer, copper, nickel-plated, with safety cover raising device, electrically heated, direct or alternating current, on white enameled stand with shelf for instruments, sizes, $10\frac{1}{2} \times 5 \times 3\frac{1}{4}$ inches, $13 \times 5 \times 3\frac{1}{4}$ inches, $16 \times 6 \times 3\frac{1}{2}$ inches.

When ordering state voltage.

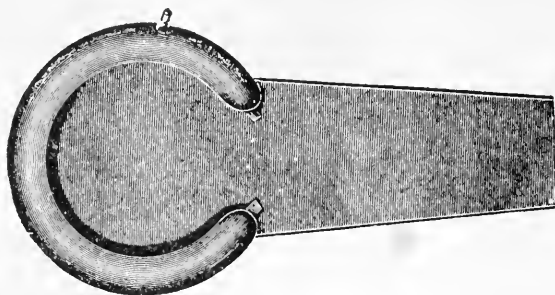
Complete illustrated list of office sterilizers sent on request.



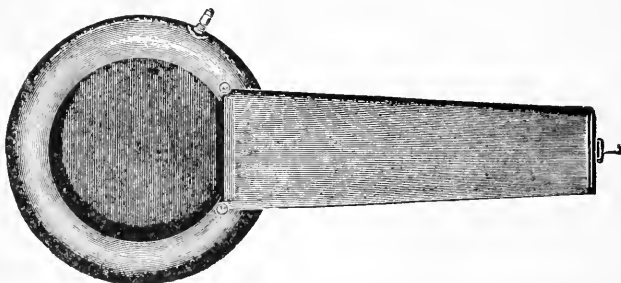
G-240



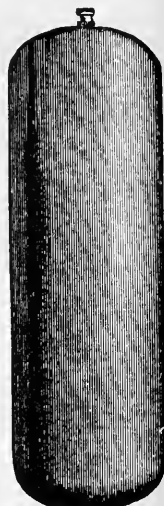
Complete Catalogue of Hospital Furniture and Equipment
Sent on Request



G-336 and 337, 341 and 342



G-33S and 339, 343 and 344



G-330

Surgical Sundries

Leg Holders

- *G-300 Edebohl's, jointed, plated clamps.
- *G-301 Edebohl's, jointed, bronzed clamps.
- *G-302 Solid Rod, plated clamps.
- *G-303 Solid Rod, bronzed clamps.

Stirrups

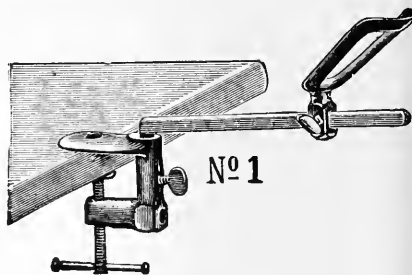
- G-305 Haslam's, plated clamps.
 - G-306 Haslam's, bronzed clamps.
 - *G-310 Morgan's, rotary, plated clamps.
 - *G-311 Morgan's, rotary, bronzed clamps.
- Circular of Morgan's Stirrups on Application.

Combination Leg Holders and Stirrups

- *G-315 Edebohl's, jointed leg holders, stirrups and plated clamps.
- *G-316 Edebohl's, jointed leg holders, stirrups and bronzed clamps.
- *G-317 Solid Leg Holders, stirrups and plated clamps.
- *G-318 Solid Leg Holders, stirrups and bronzed clamps.

Surgeon's Operating Cushion

- G-330 Edebohl's, kidney.



G-305-306

Kelly Operating Cushions Made from Finest Maroon Rubber

- *G-335 Perineal, 14 x 34 inches.
- G-336 General Operating, 20 x 44 inches.
- G-337 General Operating, 24 x 44 inches.
- G-338 General Operating, with open sleeve, 20 x 44 inches.
- G-339 General Operating, with open sleeve, 24 x 44 inches.

Kelly Operating Cushions Pure Gum, Cloth Inserted

Very light weight and serviceable. Each cushion is furnished with a compact water-proof carrying cover or pouch.

- *G-340 Perineal, 14 x 34 inches.
- G-341 General Operating, 20 x 44 inches.
- G-342 General Operating, 24 x 44 inches.
- G-343 General Operating, with open sleeve, 20 x 44 inches.
- G-344 General Operating, with open sleeve, 24 x 44 inches.



G-365



G-380



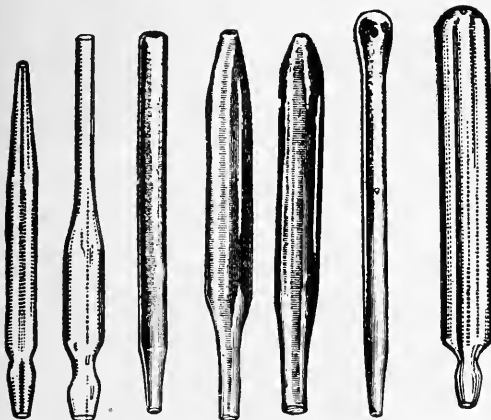
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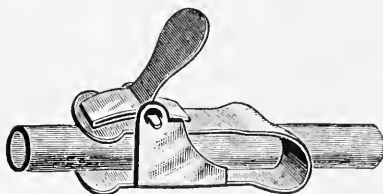
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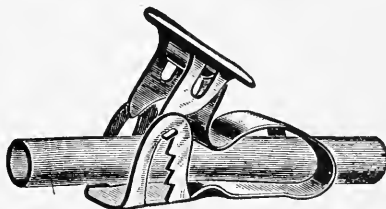
G-375



G-430 G-431 G-432 G-433 G-434 G-435 G-437



G-400



G-405

Irrigators, etc.

- *G-360 Irrigator, glass, graduated, without handle, 1000 grams, 2000 grams, 3000 grams.
- G-365 Irrigator, glass, graduated, with handle, 1000 grams, 2000 grams, 3000 grams.
- G-370 Irrigator, glass, conical form, $\frac{1}{2}$ gallon, 1 gallon, 2 gallons, 3 gallons.
- G-375 Irrigator, glass, with graduated metal frame, 1000 grams, 2000 grams, 3000 grams.
- G-380 Irrigator, white enameled steel ware, seamless, 1 quart, 2 quarts, 3 quarts, 4 quarts.
- G-385 Irrigator, white enameled steel ware, with handle, seamless, 1 quart, 2 quarts, 3 quarts, 4 quarts.

Irrigator Cut-offs

- G-400 American pattern, metal.
- G-405 American pattern, metal, with ratchet.
- *G-410 **Esmarch's**, hard rubber, with 2 tips.
- *G-415 **Valentine's**, metal, with shield.

Irrigator Tips

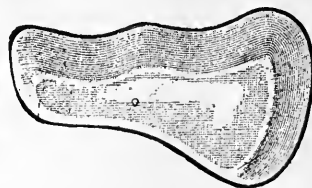
- G-430 Plain, glass.
- G-431 Conical, glass.
- G-432 Enema, glass.
- G-433 **Valentine's**, urethral, glass.
- G-434 **Valentine's**, urethral, glass.
- G-435 Vaginal, straight, glass.
- *G-436 Vaginal, curved, glass.
- G-437 Vaginal, heavy, glass (also used for abdominal douching).



G-450-455



G-465-467



G-460



G-470



G-475



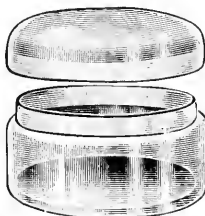
G-500



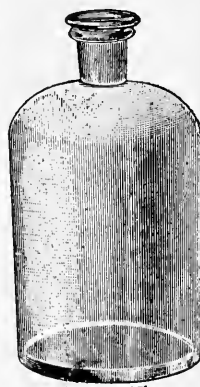
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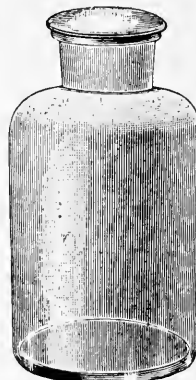
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G-490



G-480



G-485



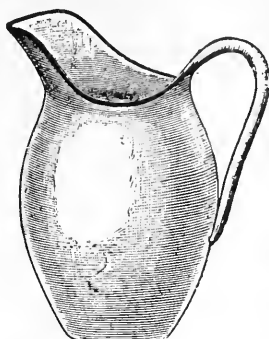
G-510

Basins, Bottles, Boxes, Jars

- G-450 Basin, dressing, glass, kidney shaped, 8 inches, 10 inches, 12 inches.
- G-455 Basin, dressing, white steel enamel ware, kidney shaped, 6 inches, 8 inches, 10 inches, 12 inches.
- G-460 Basin, dressing, white steel enamel ware, **Smith's** universal pattern.
- G-465 Basin, glass, crystal, 6 inches, $7\frac{1}{2}$ inches, $9\frac{3}{4}$ inches, $11\frac{3}{4}$ inches, $13\frac{3}{4}$ inches.
- G-466 Basin, glass, blue, 6 inches, $7\frac{1}{2}$ inches, $9\frac{3}{4}$ inches, $11\frac{1}{2}$ inches, $13\frac{3}{4}$ inches.
- G-467 Basin, glass, ruby, 6 inches, $7\frac{1}{2}$ inches, $9\frac{3}{4}$ inches, $11\frac{1}{2}$ inches, $13\frac{3}{4}$ inches.
- G-470 Basin, white steel enamel ware, shallow, 8 inches, 10 inches, 12 inches, 14 inches, 16 inches.
- G-475 Basin, white steel enamel ware, deep form, 8 inches, 10 inches, 12 inches, 14 inches, 16 inches.
- G-480 Bottle, crystal, with narrow mouth, ground stopper, 1 gallon, 2 gallons, 3 gallons.
- G-485 Bottle, crystal, with wide mouth, ground stopper, 1 gallon, 2 gallons, 3 gallons.
- G-490 Box, glass, for needles, $3\frac{1}{4}$ inches.
- G-495 Box, white enameled steel, $2 \times 3\frac{1}{4}$ inches, $2\frac{1}{4} \times 4$ inches.
- G-500 Jars, glass, crystal, fine, $4\frac{3}{4} \times 4\frac{3}{4}$ inches, 6×6 inches, $8\frac{1}{4} \times 8\frac{1}{4}$ inches.
- G-505 Jars, glass, crystal, with ground in, air-tight and dust-proof overlapping cover—height, inches: 2, $2\frac{1}{2}$, $3\frac{1}{4}$, 4, 5 and 6; diameter, inches: 2, $2\frac{1}{2}$, $3\frac{1}{4}$, 4, 5 and 6.
- G-510 Jars, white enameled steel, for dressings, $4\frac{1}{4} \times 5$ inches, $5\frac{1}{2} \times 6$ inches, $6\frac{1}{2} \times 7$ inches.



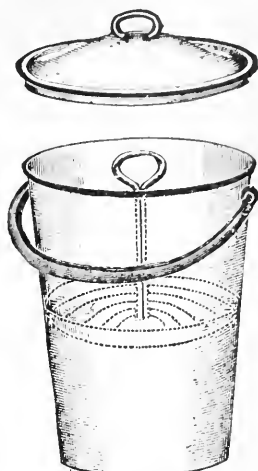
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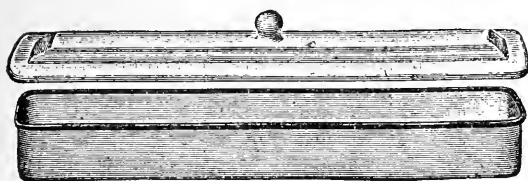
G-530



G-575



G-525



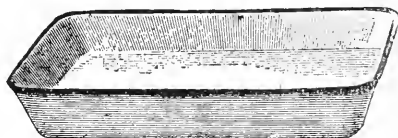
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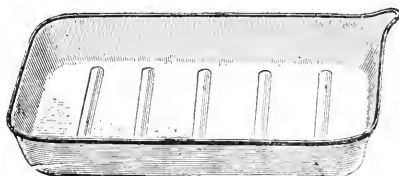
G-555



G-545



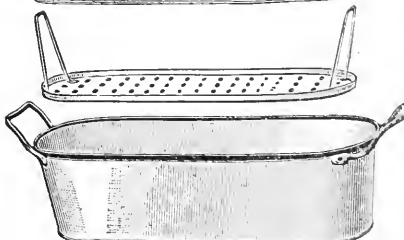
G-565



G-560

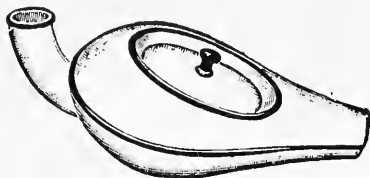


G-535-536

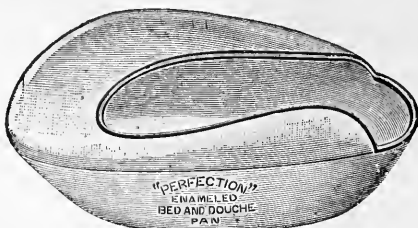


Buckets, Pitchers, Trays, etc.

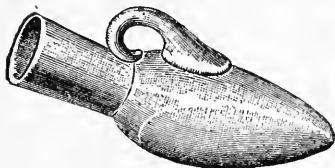
- G-520 Bucket, plain, white enameled steel ware, 12 $\frac{3}{4}$ quarts.
- G-525 Bucket, white enameled steel ware, for soiled dressings, with perforated drain for separating dressings from the fluids.
- C-530 Pitcher, white enameled steel ware, 2 quarts, 3 quarts, 4 quarts.
- G-535 Sterilizer, white enameled steel ware, 16 inches long.
- G-536 Sterilizer, white enameled steel ware, 18 inches long.
- *G-540 Tray, glass, straight walls with glass cover, 15 x 3 x 4 inches.
- *G-541 Tray, glass, long form, with knobbed cover, 12 x 2 $\frac{3}{4}$ inches.
- G-545 Tray, glass, oblong form, crystal, straight walls, 6 $\frac{3}{4}$ x 4 $\frac{1}{4}$ x 1 $\frac{3}{4}$ inches, 9 x 4 $\frac{3}{4}$ x 2 inches, 10 $\frac{1}{2}$ x 6 $\frac{1}{2}$ x 2 $\frac{1}{4}$ inches, 12 x 7 x 2 $\frac{1}{4}$ inches, 13 $\frac{1}{2}$ x 8 $\frac{1}{4}$ x 2 $\frac{3}{4}$ inches, 15 $\frac{3}{4}$ x 9 $\frac{3}{4}$ x 3 inches.
- C-550 Tray, white enameled steel ware, with cover, 15 $\frac{3}{4}$ x 3 x 2 $\frac{1}{2}$ inches.
- C-555 Tray, white enameled steel ware, narrow, shallow, 8 $\frac{1}{4}$ x 3 $\frac{1}{4}$ x 1 $\frac{1}{4}$ inches, 12 $\frac{1}{4}$ x 4 x 1 $\frac{1}{4}$ inches, 16 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 1 $\frac{1}{4}$ inches.
- G-560 Tray, white enameled steel ware, with lip, 15 x 9 x 2 inches.
- G-565 Tray, white enameled steel ware, deep form, without handles, sizes: 8 $\frac{3}{4}$ x 5 $\frac{1}{2}$ x 2 inches, 10 $\frac{1}{4}$ x 6 $\frac{1}{4}$ x 2 $\frac{1}{4}$ inches, 11 $\frac{3}{4}$ x 7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ inches, 13 $\frac{1}{2}$ x 8 $\frac{1}{4}$ x 2 $\frac{3}{4}$ inches, 15 x 9 x 2 $\frac{3}{4}$ inches, 16 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 2 $\frac{3}{4}$ inches, 18 $\frac{1}{4}$ x 10 x 3 inches, 20 x 12 x 3 inches.
- *G-570 Tray, white enameled steel ware, deep form, with handles, sizes: 10 $\frac{1}{4}$ x 6 $\frac{1}{4}$ x 2 $\frac{1}{4}$ inches, 13 $\frac{1}{2}$ x 8 $\frac{1}{4}$ x 2 $\frac{3}{4}$ inches, 16 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 2 $\frac{3}{4}$ inches, 20 x 12 x 3 inches, 11 x 7 $\frac{1}{4}$ x 2 $\frac{3}{4}$ inches, 14 $\frac{1}{4}$ x 8 $\frac{3}{4}$ x 2 $\frac{3}{4}$ inches, 17 $\frac{1}{2}$ x 9 $\frac{3}{4}$ x 2 $\frac{3}{4}$ inches.
- G-575 Tray, white enameled steel ware, oblong, 9 x 12 inches, 12 x 16 inches, 15 x 20 inches, 18 x 22 inches.



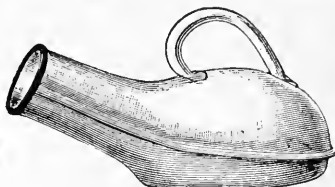
G-605



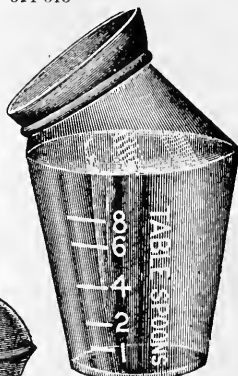
G-614-615



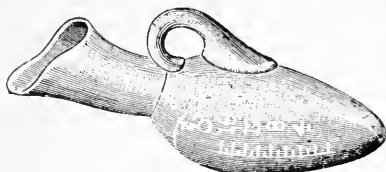
G-680



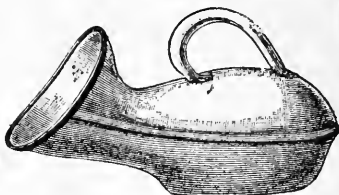
G-690



G-640



G-686



G-695

Sick Room Sundries

Bed Pans

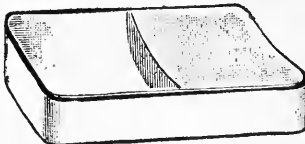
- *G-600 Bed Pan, Eureka, porcelain.
- G-605 Bed Pan, French slipper pattern, white steel enameled ware.
- *G-610 Bed Pan, Perfection, porcelain, No. 1, standard size.
- *G-611 Bed Pan, Perfection, porcelain, No. 2, small size.
- *G-612 Bed Pan, Perfection, gray enamel, No. 3, standard size.
- *G-613 Bed Pan, Perfection, gray enamel, No. 5, small size.
- G-614 Bed Pan, Perfection, white enamel, No. 4, standard size.
- G-615 Bed Pan, Perfection, white enamel, No. 6, small size.

Douche Pans

- *G-620 Douche Pan, Ideal, white enamel.
- G-625 Douche Pan, Standard, white enameled steel ware.

Feeding and Drinking Cups

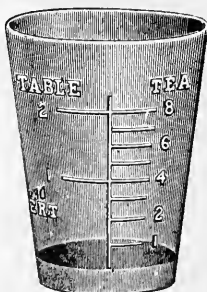
- G-640 Ideal, glass.
- *G-645 Simplex, No. 10, porcelain.
- *G-646 Simplex, No. 12, white steel enameled ware.



G-625

Graduates

- G-650 Glass, graduated in ounces, 1 ounce, 2 ounces, 4 ounces, 8 ounces, 16 ounces.
- *G-655 Glass, graduated in metric and ounces, 30 cc., 60 cc., 125 cc., 250 cc., 500 cc., 1000 cc.



G-660

Medicine Glass

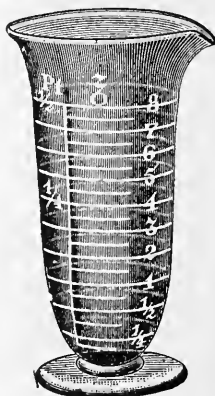
- G-660 Glass, moulded.

Spit Cups

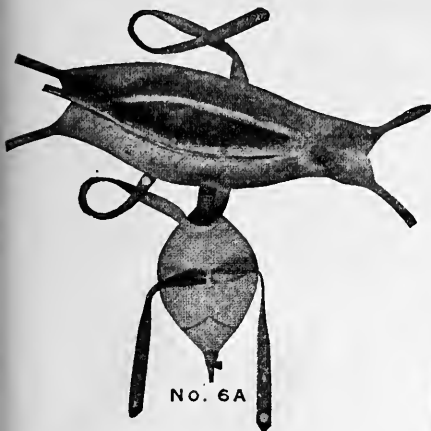
- *G-665 Spit Cup, white enameled steel ware, hinged.
- *G-666 Spit Cup Filler, made of fluted paper.
- *G-670 Spit Cup, Simplex, paper, with hinged cover.
- *G-671 Spit Cup Holder, Simplex, wire.

Urinals

- G-680 Male, glass, plain.
- *G-681 Male, glass, graduated.
- *G-685 Female, glass, plain.
- G-686 Female, glass, graduated.
- G-690 Male, white steel enameled ware.
- G-695 Female, white steel enameled ware.

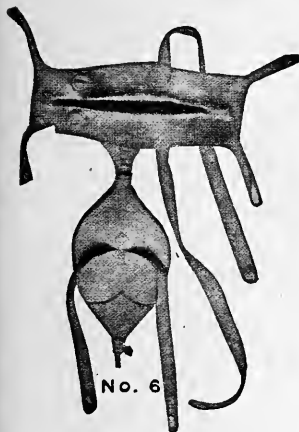


G-650



No. 6A

G-766



No. 6

G-765



No. 3

G-751



No. 3A

G-752



No. 23A

G-763



No. 5

G-755

Rubber Goods for Invalids

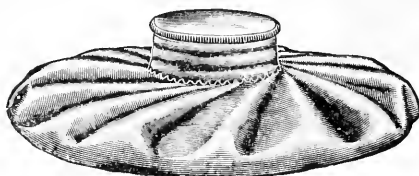
Pure Rubber Urinals

- *G-750 Male, day, No. 1.
- *G-751 Male, day, No. 3.
- *G-752 Male, day, No. 3A.
- *G-753 Male, day, No. 4.
- *G-754 Male, day, No. 4A.
- *G-755 Male, day, No. 5.
- *G-756 Male, day and night, No. 5A.
- *G-757 Male, day and night, No. 7A.

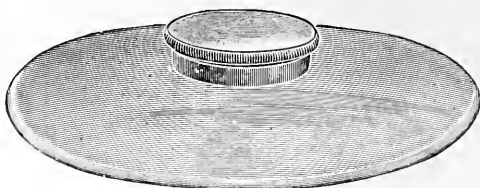
This urinal has a pneumatic inflatable collar for the reception of the penis, which can be inflated when used at night to prevent back leakage and deflated when worn during the day.

- *G-758 Male, day, No. 11, child's size, same style as No. 1.
- *G-759 Male, day, No. 13, child's size, same style as No. 3.
- *G-760 Male, day, No. 13A, child's size, same style as No. 3A.
- *G-761 Male, day, No. 15, child's size, same style as No. 5.
- *G-762 Male, day and night, No. 23.
- *G-763 Male, day and night, No. 23A.
- *G-764 Female, day, No. 2.
- *G-765 Female, day, No. 6.
- *G-766 Female, day and night, No. 6A.
- *G-767 Female, day, No. 8A, with flexible, soft metal rubber covered rim that can be bent into shape to fit any perineum. The most satisfactory female urinal made.

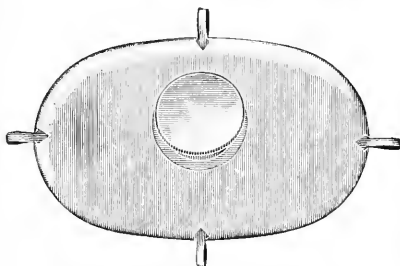
- *G-768 Female, day, No. 16, child's size, same style as No. 6.
- *G-769 Female, day and Night, No. 16A, child's size, same style as No. 6A.



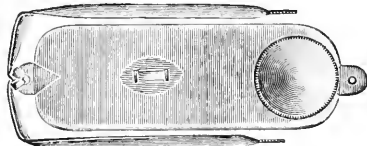
G-800



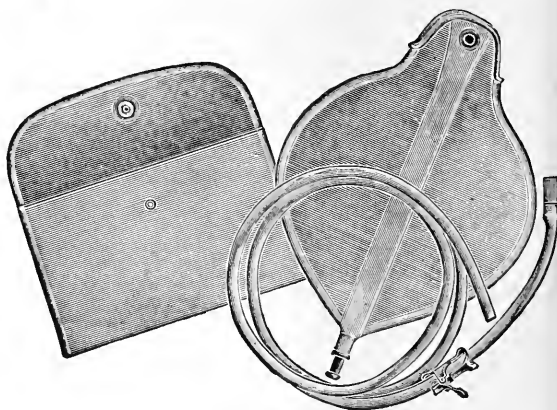
G-801



G-802-803-804



G-807

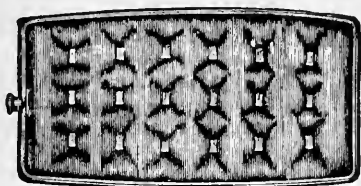


G-840

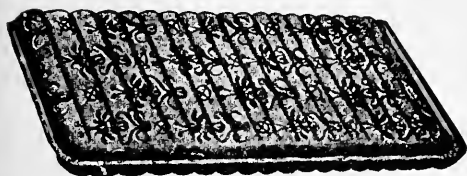
Rubber Goods for Invalids

Ice Bags, Water Bottles and Fountain Syringes

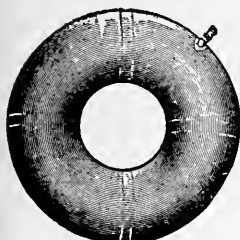
- G-800 Ice Bag, durable, double coated, cloth inserted, pure gum outside, white rubber inside, screw cap, 6 inches, 9 inches, 12 inches.
- G-801 Ice Bag, pure gum, all rubber, screw cap, soft and flexible, 9 inches.
- G-802 Ice Bag, oval, pure gum, cloth inserted, screw cap, 8 x 11 inches.
- G-803 Ice Bag, oval, pure gum, all rubber, screw cap, 8 x 11 inches.
- G-804 Ice Bag, oval, maroon, all rubber, moulded in one piece.
- *G-805 Ice Bag, Sprague's, mastoid.
- *G-806 Ice Bag, plain, pure gum, all rubber, 9 x 3 $\frac{1}{4}$ inches, 10 $\frac{3}{4}$ x 3 $\frac{3}{4}$ inches, 10 x 5 $\frac{1}{4}$ inches, 11 $\frac{1}{8}$ x 5 $\frac{3}{4}$ inches.
- G-807 Ice Bag, Spinal, pure gum, 10 inches, 12 inches, 14 inches, 16 inches, 18 inches, 20 inches, 22 inches.
- *G-808 Ice Bag, Throat, pure gum, 7 inches, 8 inches, 9 inches, 10 inches, 11 inches.
- *G-809 Ice Bag, Throat, chocolate rubber, cloth inserted, screw cap, flexible.
- *G-810 Ice Bag, Eye, pure gum, screw cap, for both eyes.
- *G-815 Ice Cap, Davol's, helmet shape, pure gum, screw cap, small, medium and large.
- *G-820 Water Bottle, Throat, chocolate rubber, cloth inserted, will adjust itself to any size neck and retain its position.
- *G-825 Hot Water Bottle, made of best white rubber, with reinforced seams; 2 quarts, 3 quarts 4 quarts.
- *G-826 Hot Water Bottle, made of best maroon rubber with extra heavy reinforced seams; 2 quarts, 3 quarts, 4 quarts.
- *G-827 Hot Water Bottle, made of best chocolate colored rubber, pure Para gum, moulded in one piece, fully guaranteed; 2 quarts, 3 quarts.
- *G-828 Hot Water Bottle, made of best tan rubber, cloth inserted, very strong and very light; 2 quarts, 3 quarts, 4 quarts.
- *G-829 Hot Water Bottle, made of best white or slate colored rubber, covered with flannel; 2 quarts, 3 quarts, 4 quarts.
- *G-835 Fountain Syringe, rapid flow, made of white rubber, complete with tubing, cut-off and 3 hard rubber rapid flow pipes; 1 quart, 2 quarts, 3 quarts.
- *G-836 Fountain Syringe, rapid flow, made of best maroon rubber, complete with tubing, cut-off and 3 hard rubber rapid flow pipes; 1 quart, 2 quarts, 3 quarts.
- G-840 Fountain Syringe, Surgeon's, pure gum, with waterproof case for carrying. Complete with tubing and cut-off only. No pipes are furnished with this syringe. Can be used with any slip pipe; 2 quarts, 3 quarts, 4 quarts.
- *G-845 Fountain Syringe and Hot Water Bottle, made of best white rubber compound, reinforced seams, complete with screw plug, for hot water bottle, fitting any tubing with cut-off and 3 hard rubber rapid flow pipes; 2 quarts, 3 quarts, 4 quarts.
- *G-846 Fountain Syringe and Hot Water Bottle, made of best maroon rubber compound, reinforced seams, complete with screw plug for hot water bottle, fitting and tubing with cut-off and 3 hard rubber rapid flow pipes; 2 quarts, 3 quarts, 4 quarts.



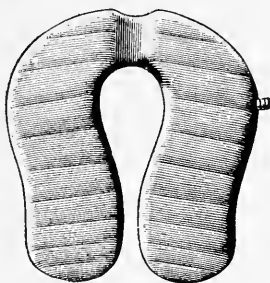
G-855



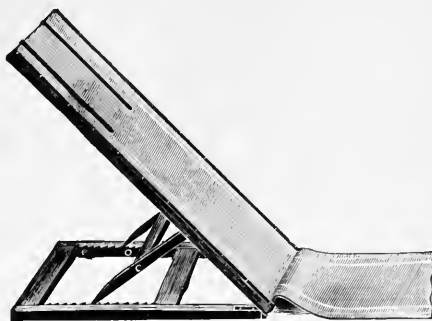
G-850



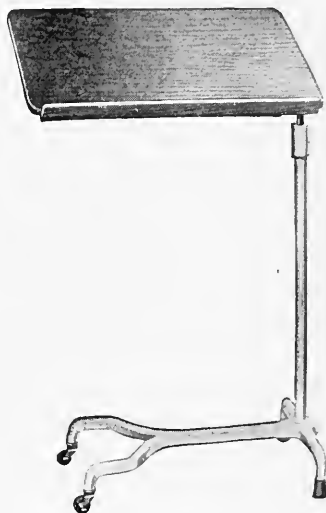
G-870-875



G-865



G-900



G-920

Rubber Goods and Sundries for Invalids

Pneumatic Air Goods

- G-850 Air Beds, 32 x 80 inches, 42 x 80 inches, 52 x 80 inches.
- *G-851 Air Bed, Pneumatic, 36 x 75 inches, 42 x 75 inches.
- G-855 Water Bed, 24 x 36 inches, 32 x 80 inches, 42 x 80 inches, 52 x 80 inches.
- G-860 Air Cushion, chair, hospital pattern, 17½ inches.
- G-865 Air Cushion, chair, horseshoe shape, 14 inches, 16 inches.
- G-870 Air Cushion, Invalid, white or slate colored rubber, cloth insertion, 8 inches, 10 inches, 12 inches, 14 inches, 16 inches, 18 inches.
- G-875 Air Cushion, Invalid, light maroon rubber, 8 inches, 10 inches, 12 inches, 14 inches, 16 inches, 18 inches.

Rubber Sheeting

- *G-880 Black, coated on one side, 36 inches, 45 inches, 54 inches.
- *G-881 Black, coated on both sides, 36 inches, 45 inches, 54 inches.
- *G-882 White, coated on one side, 36 inches, 45 inches, 54 inches.
- *G-883 White, coated on both sides, 36 inches, 45 inches, 54 inches.
- *G-884 Tan, coated on one side, 36 inches, 45 inches, 54 inches.
- *G-885 Tan, coated on both sides, 36 inches, 45 inches, 54 inches.

Back Rests

- G-900 Back Rest, varnished, covered with a good quality of linen.
- G-901 Back Rest, varnished, covered with duck or striped material.

Bedside Tables

- G-920 White Enameled Stand, with **oak top**, 18 x 24 inches, adjustable to height and tilt.
- *G-925 White Enameled Stand, with **porcelain enameled top**, 16 x 24 inches, adjustable to height and tilt.



G-950-952



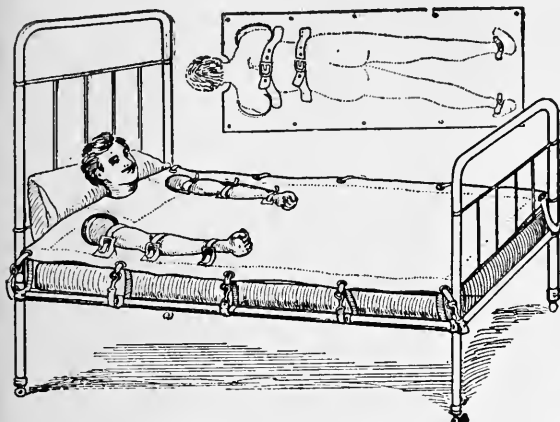
G-960-962

Invalid Rolling Chairs

- G-950 Reclining Rolling Chair, with one piece leg rest, large swivel rear wheel, hand rims on large wheels, **steel rim tires**, narrow seat or wide seat.
- G-951 Reclining Rolling Chair, same as G-950, but with $\frac{3}{4}$ **inch rubber tires**.
- G-952 Reclining Rolling Chair, same as G-950, but with **1 inch rubber tires**.
- G-960 Reclining Rolling Chair, same as G-950, but with two piece or divided adjustable leg rest, **steel rim tires**.
- G-961 Reclining Rolling Chair, same as G-960, but with $\frac{3}{4}$ **inch rubber tires**.
- G-962 Reclining Rolling Chair, same as G-960, but with **1 inch rubber tires**.

When ordering specify whether narrow seat or wide seat is wanted.

Catalogue of a complete line of invalid rolling chairs sent on request



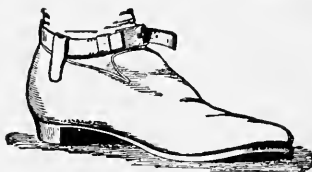
G-1000



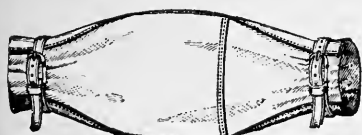
G-1045



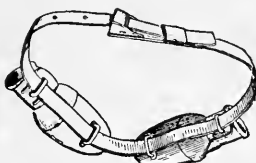
G-1005



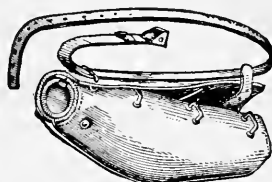
G-1030



G-1010



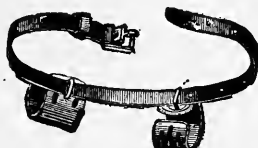
G-1020



G-1025



G-1015



G-1040



G-1035

Humane Restraint Appliances

G-1000 Humane Restraint Sheet, can be attached to any size bed, made of heavy duck, quilted at vital points, heavy webbing straps lined with canton flannel to prevent chafing.

G-1005 Canvas Mitts, with waist strap.

*G-1000-5 Patient Straps for holding patient on operating table.

G-1010 Canvas Muff, with waist strap.

G-1015 Leather Anklets, with large buckles.

G-1020 Leather Mitts, with waist strap and lock buckle,

G-1025 Leather Muff, with waist strap and lock buckle.

G-1030 Leather Sole, Buckle and Strap, ready for attachment.

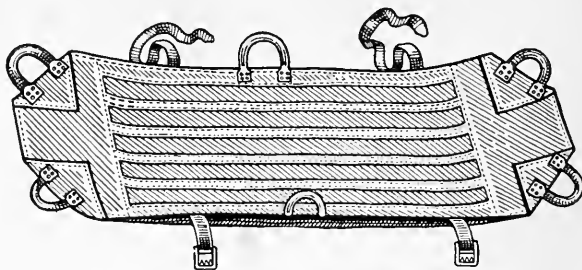
G-1035 Leather Waist Strap, with improved lock buckle.

G-1040 Leather Wristlets, with waist strap and buckle.

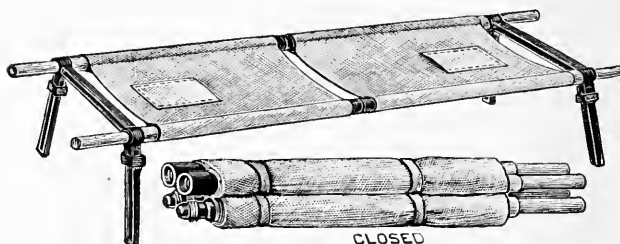
G-1045 Straight Jacket, made of very heavy canvas with heavy straps and buckles, sleeves 72 inches long, to admit of their being wrapped around the patient securely; short and long.

*G-1050 Straight Jacket, short, plain.

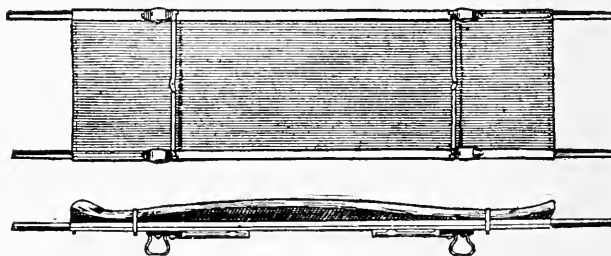
*G-1055 Straight Jacket, long, plain.



G-1060-1061



G-1065



G-1070

Stretchers

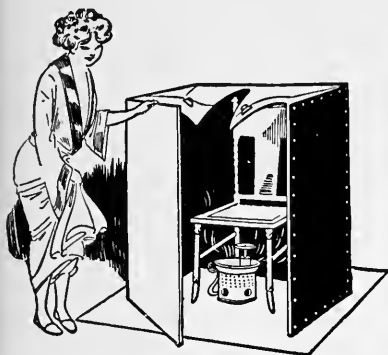
G-1060 **Reeves' flexible**, size, open, 76 x 26 inches, rolled up for transportation, 60 x 6 inches.

G-1061 **Reeves' flexible**, same as above but with canvas cover bag.

The Reeves' stretcher owing to its flexibility can be used where rigid stretchers are useless, in mines, shafts, on winding stairs, Pullman cars, etc.

G-1065 **Pilling's portable**, size, open, 88 x 24 inches, rolled up for transportation, 44 x 6 x 7 inches

G-1070 **U. S. Army Model**, folding. This stretcher folds up without the removal of any part.



G-1080-1085

Folding Bath Cabinets

G-1080 Steel frame, drill cover, rubber lined, with heater.

G-1085 Steel or wood frame, covered and lined with heavy material, with improved heater.

Descriptive circular sent on request.

Section "H"



Artificial Limbs

Deformity Apparatus

Fracture Apparatus

Splints

Splint Material

Elastic Hosiery

Abdominal Supporters

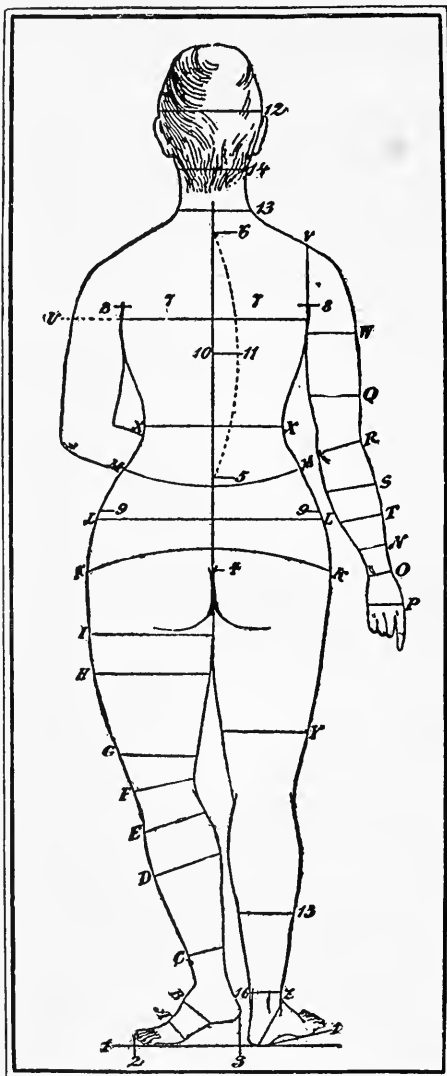
Crutches

Trusses

Suspensories, Etc.

Orthopedic Apparatus

DIAGRAM FOR ORTHOPEDIC MEASUREMENTS



Explanation of Letters and Figures

- A Ball of foot.
- B Instep.
- C Above ankle.
- D Calf.
- E Upper calf.
- F Knee.
- G Above knee.
- H Upper third of thigh.
- I Thigh at perinaeum.
- K Trochanter major.
- L Circumference at pelvis.
- M Circumference at umbilicus.
- N Forearm above wrist.
- O Wrist.
- P Circumference of hand.
- Q Arm above elbow.
- R Arm at elbow.
- S Upper forearm.
- T Middle forearm.
- U Circumference of chest.
- V Circumference under axilla and over shoulder.
- W Upper arm.
- X Circumference of waist.
- Y Lower third of thigh.
- Z Circumference heel and instep.
- 1 Sole of foot.
- 2 to 3 Length of foot.
- 4 Sacro-lumbar articulation.
- 5 First vertebra involved (in sketch).
- 6 Last vertebra involved (in sketch).
- 7-7 Centers of scapulae.
- 8-8 Axillae.
- 9 Crest of ilium.
- 10 to 11 Extent of curvature.
- 12 Circumference of head.
- 13 Vertebra prominens.
- 14 Base of skull.
- 15 Leg below calf.
- 16 Ankle.

MEASUREMENTS FOR SHOES

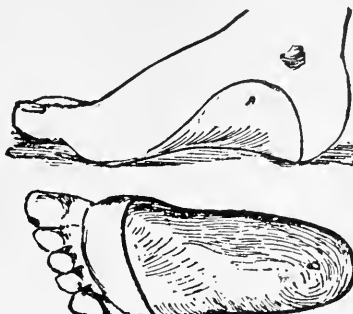
If we are to furnish shoes for deformity apparatus, send the following measurements:

- 1 Trace outline of foot on paper.
- 2 Length of foot (2 to 3).
- 3 Circumference above ankle.
- 4 Circumference at ankle.
- 5 Circumference of heel and instep (Z).
- 6 Circumference at instep (B).
- 7 Circumference at ball of foot (A).
- 8 Circumference at base of little toe.
- 9 State if for right, left, or both feet.

If a pair of shoes is wanted, send measurements for both feet.



H-15



H-35



H-10



H-20



H-25



H-30



H-50



H-40



H-45

Orthopedic Apparatus

*H-5 Apparatus for bunions, **Bigg's**.

H-10 Apparatus for bunions, **London's**.

H-15 Apparatus for bunions, **Seseman's**.

When ordering bunion apparatus mention size of shoe, state whether brace is for right or left foot, send outline drawing of naked foot, and circumference of large toe and of instep.

H-20 Apparatus for overriding or hammer toes. When ordering send tracing of foot, circumference of ball of foot and of instep.

H-25 Arch Instep Support, German silver spring, sole leather top.

H-30 Arch Instep Support, **London's**, full length, leather covered.

*H-31 Arch Instep Support, **London's**, half length, leather covered.

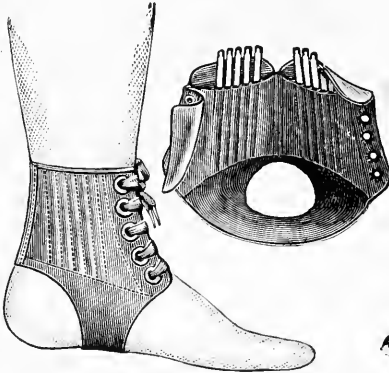
H-35 Arch Instep Support, made of steel or German silver, fitted to a plaster cast which must be sent with order.

H-40 Extension Shoe, with cork or willow wood sole.

H-45 Extension Shoe, with steel extension frame.

H-50 Extension shoe, with invisible extension.

Correspondence is invited. Detailed directions for measurements will be sent on request.



H-55



H-60



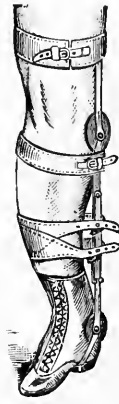
H-65



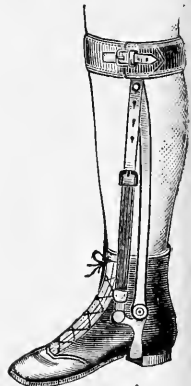
H-70



H-75



H-80

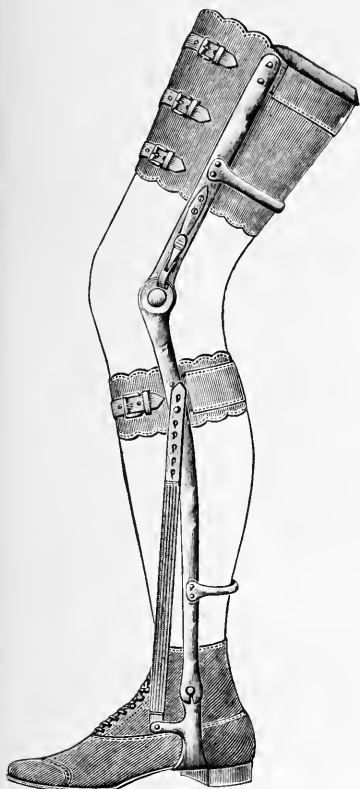


H-85

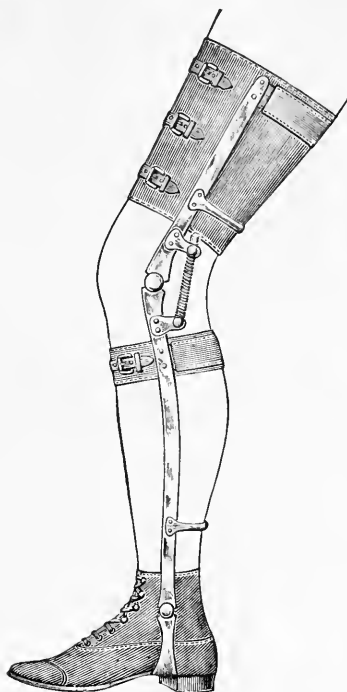
Orthopedic Apparatus

- H-55 Ankle Supporter for weakness in ankle-joint, leather, men's sizes, 6 to 12; women's sizes, 3 to 8; children's sizes, 11, 12, 13, and 1 and 2.
- H-60 Weak-ankle Support, single bar; to be worn inside of the shoe; intended for light cases.
- H-65 Weak-ankle Support, double bar.
- H-70 Apparatus for knock-knee (Genu Valgum).
- H-75 Apparatus for bow-leg (Genu Varum); double bar.
- H-80 Apparatus for bow-leg (Genu Varum); single bar.
- H-85 Apparatus for Talipes Equinus.

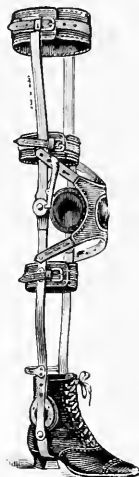
Correspondence is invited. Detailed directions for measurements will be sent on request.



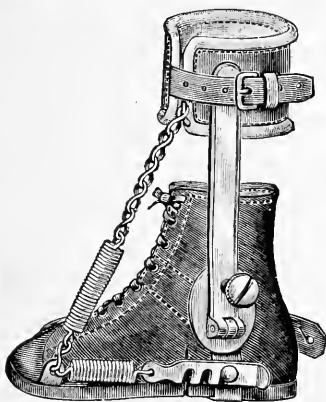
H-90



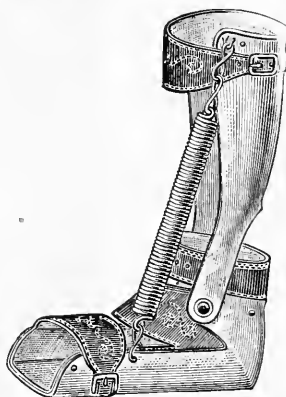
H-95



H-100



H-105

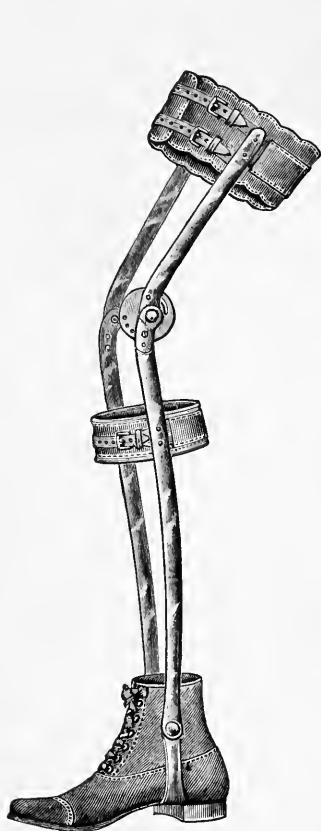


H-110

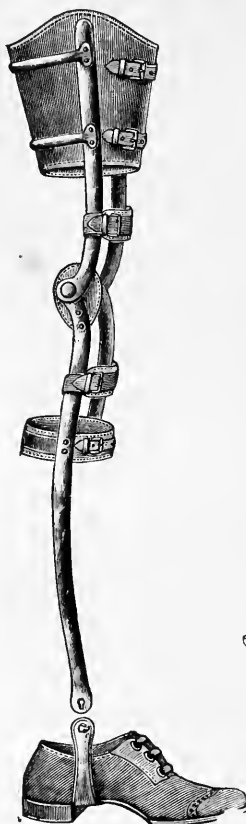
Orthopedic Apparatus

- H- 90 Lock-joint Apparatus for paralysis of the leg and for support after resection of the tibia.
- H- 95 Apparatus for ankylosis of the knee-joint.
- H-100 Lock-joint Apparatus for paralysis of the knee and ankle-joints.
- H-105 Club-foot Apparatus for Talipes Varus.
- H-110 Splint for Talipes Varus and Valgus; for infants.

Correspondence is invited. Detailed directions for measurements will be sent on request.



H-115



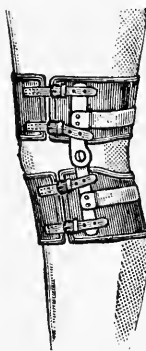
H-120



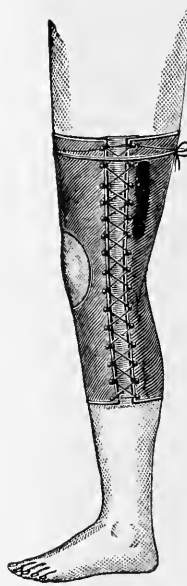
H-125



H-130



H-135

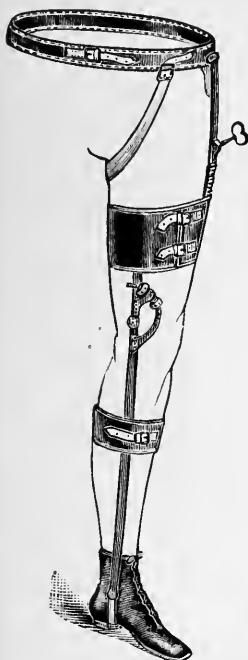


H-140

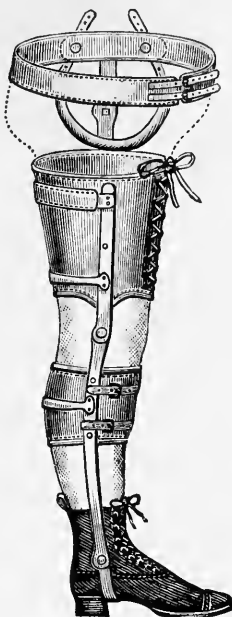
Orthopedic Apparatus

- H-115 Apparatus for Synovitis and for after-treatment of fractured patella.
 H-120 **Shaffer's** Knee Splint for **Hey's** joint and for dislocation of the semilunar cartilage.
 H-125 Apparatus for partial paralysis of the thigh.
 H-130 Knee Cap, **J. Wm. White's**; elastic; to prevent slipping of the semilunar cartilage.
 H-135 Knee Cap, **J. Wm. White's**; leather; to prevent slipping of the semilunar cartilage.
 H-140 Knee Cap for after-treatment of fractured patella and for inflammation of the knee-joint.

Correspondence is invited. Detailed directions for measurements will be sent on request.



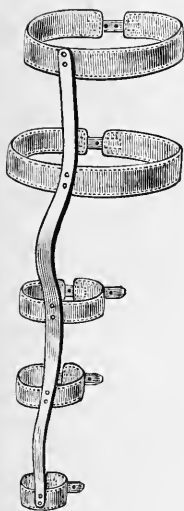
H-145



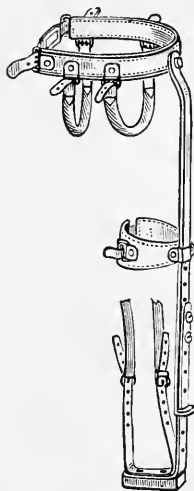
H-150



H-155



H-160



H-165



H-170

Orthopedic Apparatus

H-145 **Hutchinson's** Hip-joint Apparatus.

H-150 Apparatus for after-treatment of fracture of the femur and for un-united fracture.

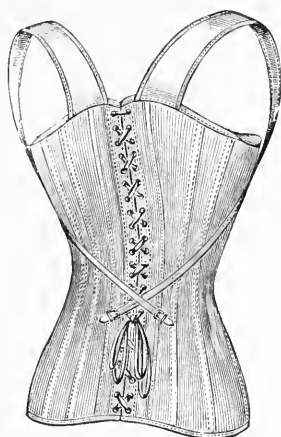
H-155 **Young's** Convalescent Hip Splint.

H-160 **Thomas' Posterior** Hip Splint.

H-165 Long Hip Splint; plain construction.

H-170 Apparatus for after-treatment of compound fracture of the tibia and fibula.

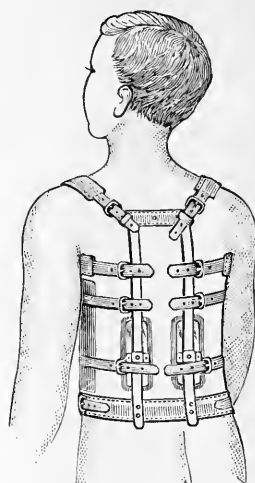
Correspondence is invited. Detailed directions for measurements will be sent on request.



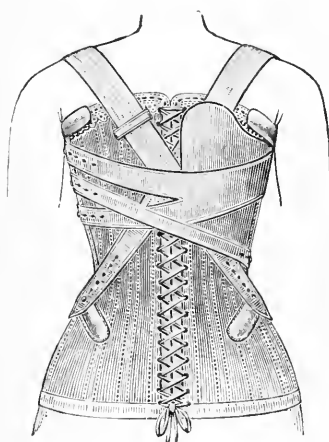
H-180



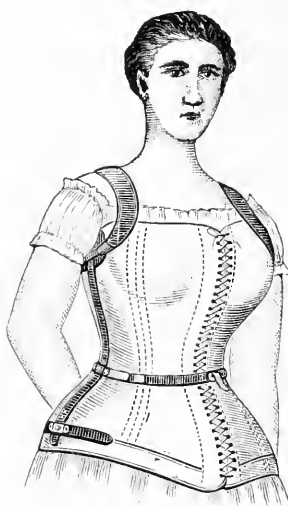
H-185



H-190



H-195



H-200



H-205

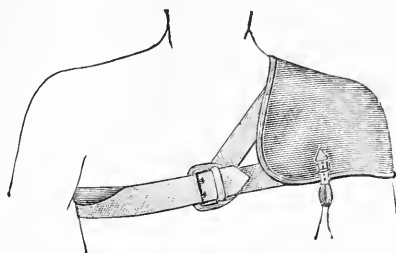
Orthopedic Apparatus

- H-180 Spinal Corset for weak spine and for incipient lateral curvature.
- H-185 Spinal Apparatus for lateral or antero-posterior curvature.
- H-190 **Washburn's** Spinal Apparatus for posterior curvature.
- H-195 Spinal Corset with crutches; for Scoliosis; French model.
- H-200 Spinal Corset, **Morton's**, for lateral or antero-posterior curvature.
- H-205 Shoulder Brace for extreme cases of round shoulders and slight cases of weakness of the spine.

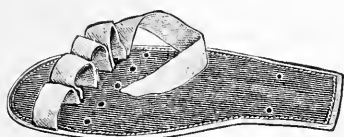
Correspondence is invited. Detailed directions for measurements will be sent on request.



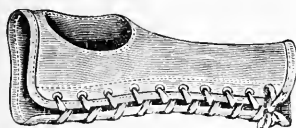
H-210



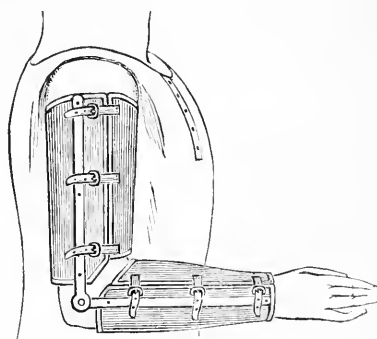
H-215



H-220



H-225

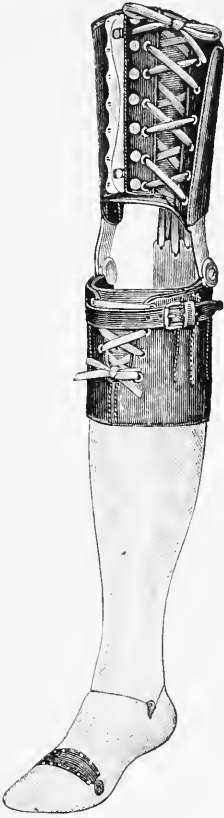


H-230

Orthopedic Apparatus

- H-210 Torticollis Head Rest, for the treatment of malposition of the head.
- H-215 Shoulder Brace, for after-treatment of fracture and for dislocation of the shoulder joint.
- H-220 Apparatus for over-riding or hammer toes.
- H-225 Wristlet for after-treatment of fracture of wrist joint.
- H-230 **Smith's** Apparatus for un-united fracture or resection of the humerus and forearm.

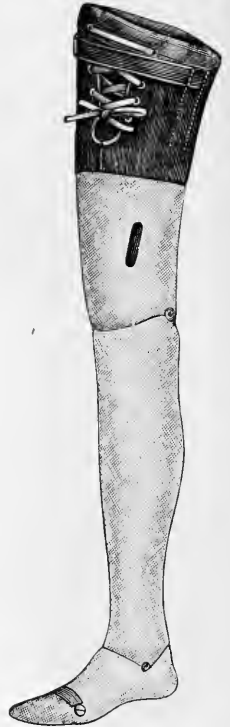
Correspondence is invited. Detailed directions for measurements will be sent on request.



H-235



H-240



H-245



H-250

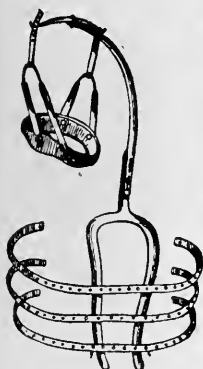


H-255

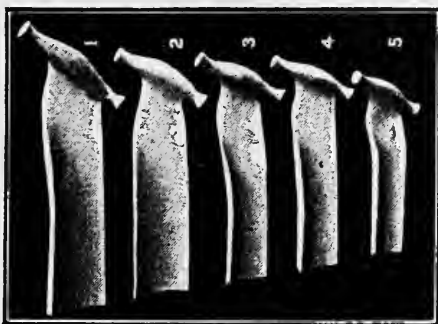
Artificial Limbs

- H-235 Artificial Leg for amputation below the knee.
- H-240 Artificial Leg for disarticulation at the knee joint.
- H-245 Artificial Leg for thigh amputation.
- H-250 Artificial Arm for amputation above the elbow.
- H-255 Artificial Arm for amputation at or above the wrist joint.

Correspondence is invited. Complete literature on artificial limbs will be sent on request.



H-300



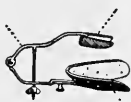
H-345



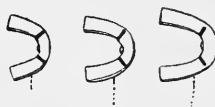
H-306



H-330



H-335



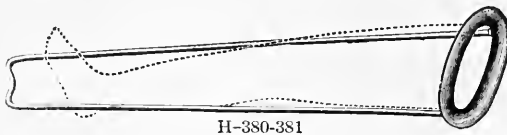
H-350

Orthopedic Apparatus, Suspension Apparatus, Splints

- H-300 **Sayre's** Jury Mast, for incorporation in a plaster jacket.
- *H-305 **Sayre's** Suspension Apparatus, plain pulleys, aluminum bronze finish.
- H-306 **Sayre's** Suspension Apparatus, compound pulleys, nickel finish.
- *H-307 **Sayre's** Tripod for suspension apparatus, jointed.

Splints

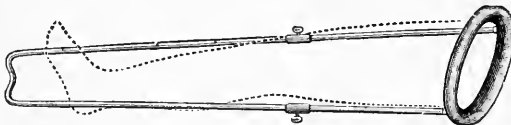
- *H-320 Fracture Box, wood, 3 sizes.
- *H-325 **Hodgen's** Suspension Splint, U. S. army, with rope and pulley.
- H-330 **Hamilton-Collin's**, for inferior maxillary fracture.
- H-335 **Matas'**, for inferior maxillary fracture, complete set including adjustable clamp, 3 dental plates, adult, youth and child sizes, and 2 sizes of chin pieces.
- *H-340 **Pratt's** Double Inclined Plane, wood, 3 sizes.
- H-345 **Walker's** Natural Form Fitting Forearm Splints, 5 sizes, rights and lefts, in sets of 10 or single.
- H-350 Wood Splints, coaptation, made of bass wood, light, medium and heavy.



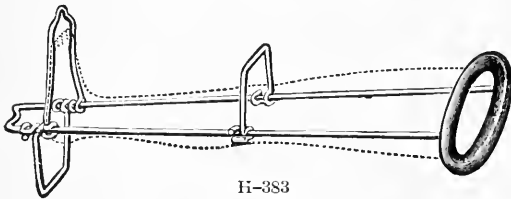
H-380-381



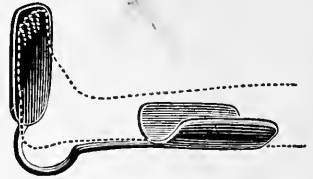
H-382



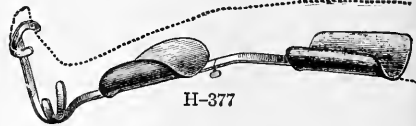
H-373



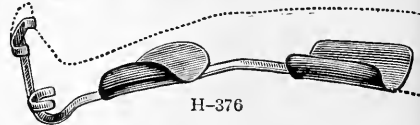
H-383



H-375



H-377



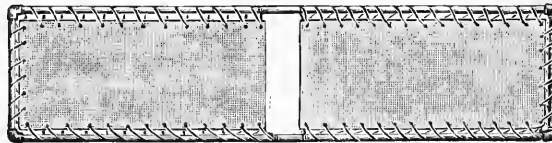
H-376



H-384



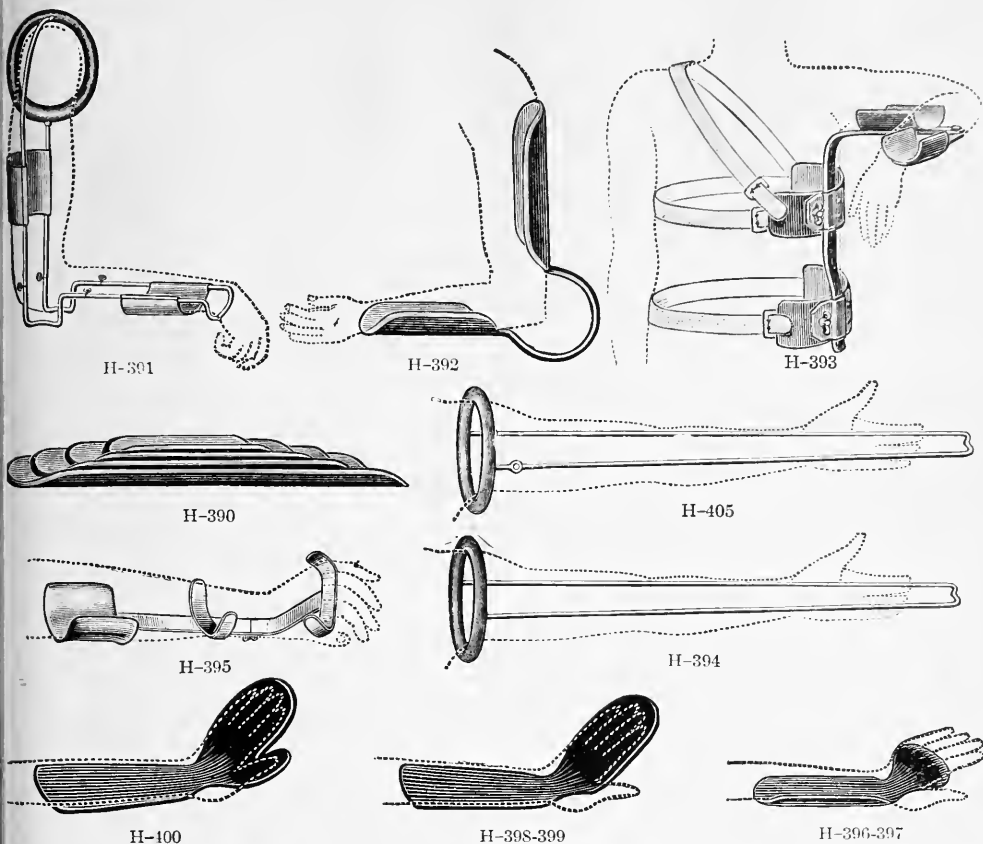
H-385



H-365

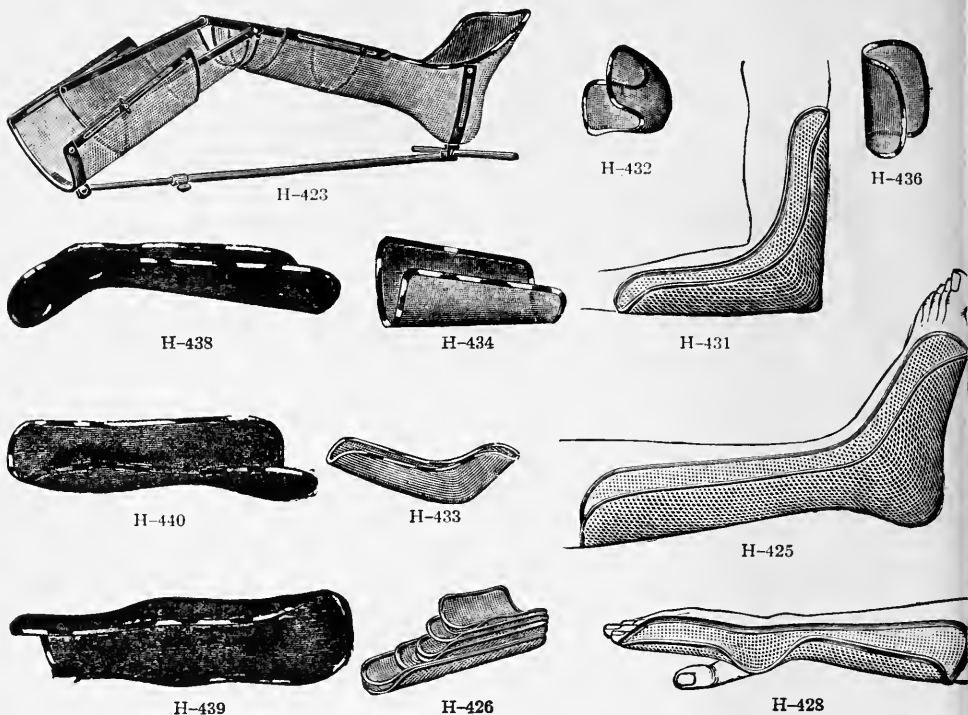
Splints

- *H-360 **Balkan Frame, Blake-Lyle's**, complete with bottle rack and trolley, adjustable to any size bed.
- H-365 **Bradford Frame**, U. S. A. standard, 6 feet 2 inches long, 18 inches wide.
- *H-370 **Bradford Abduction Frame**, U. S. A. standard, 6 feet long, width tapers from 16 inches to 36 inches.
- H-375 **Jones' Foot Splint**, rectangular, heavy felt lined.
- H-376 **Jones' Leg Splint**, with 4 adjustable aluminum supports, length adjustable.
- H-377 **Jones' U. S. Leg Extension Splint**, heavy felt lined, universal.
- H-378 **Jones-Thomas' Leg Splint**, adjustable for right or left, jointed, length adjustable to 52 inches, 2 sizes of rings, inside circumference 25 and 28 inches, padded and leather covered.
- H-380 **Thomas' Extension Leg Splint**, 2 sizes padded rings, 25 and 28 inches inside circumference, length 52 inches, universal.
- H-381 **Thomas' Extension Leg Splint**, same as above, child size, ring 18 inches inside circumference, length, 20 inches.
- H-382 **Thomas' Half Ring Extension Leg Splint**, length 52 inches, universal.
- H-383 **Thomas' Knee Splint**, with bed rest and toe drop attachment, universal.
- H-384 **Thomas' Toe Drop Brace**, attachable to Thomas' splints.
- H-385 **Thomas' Bed Rest**, attachable to Thomas' splints.



Splints

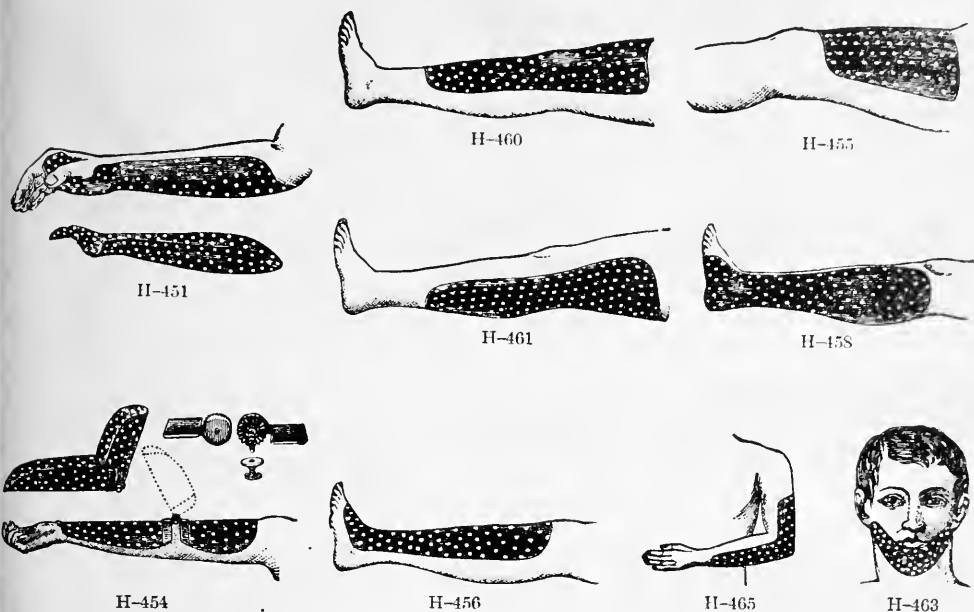
- H-390 **Jones'** Simple Straight Splints, heavy felt lined, 8 inches, 12 inches, 16 inches, 18 inches.
- H-391 **Jones'** Extension Arm Splint, padded, leather-covered ring, two canvas supports, adult and child size.
- H-392 **Jones'** Elbow Splint, aluminum, for immobilization of the joint, adjustable, universal.
- H-393 **Jones'** Arm Splint, U. S. Army standard, universal, heavy felt lined and heavy webbing straps.
- H-394 **Jones'** Abduction Arm Splint, U. S. Army standard, 3 sizes, 15 inches, 18 inches, 20 inches, padded ring, length 34 inches, universal.
- H-395 **Jones'** Skeleton Hand Splint, dorsiflex, aluminum, 2 sizes, adjustable supports, heavy felt lined, also made in steel.
- H-396 **Jones'** Short Cock-up Hand splint, U. S. standard, steel, 9 inches, heavy felt lined.
- H-397 **Jones'** Short Cock-up Hand Splint, aluminum, 9 inches, universal.
- H-398 **Jones'** Long Hand Splint, U. S. Army standard, steel, 2 sizes, adult and child, heavy felt lined.
- H-399 **Jones'** Long Hand Splint, aluminum, 2 sizes, adult and child.
- H-400 **Jones'** Long Hand Splint, with thumb piece, U. S. Army standard, right and left, 2 sizes, adult and child, heavy felt lined.
- H-405 **Murray's** Hinged Arm Splint, 20-inch ring, padded, leather covered and stitched, length 33 inches.
- *H-406 **Murray's** Adjustable Arm Splint, for transplant cases, aluminum, allows X-ray to be taken.
- *H-410 **Leyva's** Airoplane Splint, for open treatment after fracture operations on arm or forearm.



De Puy's Adjustable Wire Splints

- | | | | |
|--------|--|--------|---|
| *H-420 | Clavicle, Hawes' , large, small. | *H-429 | Colles Fracture, right and left, large, small. |
| *H-421 | Elbow Anterior, acute angle, large, medium, small. | *H-430 | Elbow, hinged, anterior or posterior, large, medium, small. |
| *H-422 | Elbow Anterior, right angle, large, medium, small. | H-431 | Elbow, posterior, right angled, large, medium, small. |
| H-423 | Leg, De Puy's Combination, adjustable inclined plane, large, small. | H-432 | Maxilla, large, small. |
| *H-424 | Leg, for Potts' fracture, large, medium large, medium, small. | H-433 | Shoulder, large, medium, small. |
| H-425 | Leg, Tibia and Fibula, posterior, large, medium, small. | H-434 | Femur (utility), large, medium, small. |
| H-426 | Coaptation Splints, 10 sizes, set. | *H-435 | Femur, large, medium, small. |
| *H-427 | Radius, right and left, large, medium, small. | H-436 | Humerus, large, medium, small. |
| H-428 | Forearm and Hand, right and left, large, medium, small. | *H-437 | Humerus Extension, large, small. |
| | | H-438 | Tibia and Fibula, Anterior, large, medium, small. |
| | | H-439 | Patella, Anterior, large, medium. |
| | | H-440 | Patella, Posterior, large, medium, small. |

Complete descriptive pamphlets of the above splints sent on request



Lee's Metallic Splints

- | | |
|--|--|
| *H-450 Radius Splint, No. 1, 2 sizes, rights and lefts. | *H-459 Internal Ankle Splint, No. 17, 2 sizes, rights and lefts. |
| H-451 Radius Splints, No. 13, 2 sizes, rights and lefts. | H-460 Patella Splint, Anterior, No. 15, 2 sizes. |
| *H-452 Combined Forearm Splint, No. 12, 2 sizes, rights and lefts. | H-461 Patella Splint, Posterior, No. 8, 2 sizes. |
| *H-453 Ulna Splint, No. 18, 2 sizes, rights and lefts. | *H-462 Clavicle Splint, No. 5, 2 sizes. |
| H-454 Elbow Splint, No. 22, hinged joint, 2 sizes. | H-463 Maxillary Splint, No. 6, 2 sizes. |
| H-455 Femur Splint, No. 7, 2 sizes. | *H-464 Elbow Splint, Posterior, acute angle, No. 19, 2 sizes. |
| H-456 Tibia-Splint, Anterior, No. 14, 2 sizes. | H-465 Elbow Splint, Posterior, right angle, No. 20, 2 sizes. |
| *H-457 Tibia and Fibula Splint, Posterior, No. 9, 2 sizes. | *H-470 Elbow Splint, Posterior, obtuse angle, No. 21, 2 sizes. |
| H-458 External Ankle Splint, No. 16, 2 sizes, rights and lefts. | |

Complete descriptive pamphlets of the above splints sent on request



H-500



H-505



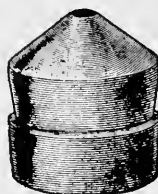
H-510



H-550



H-560



II-540



II-520-525



Sundry Appliances

- | | |
|-------|--|
| H-500 | Haslam's device to prevent projecting ears, small, medium and large. |
| H-505 | Sterling device to prevent projecting ears, small, medium and large. |
| H-510 | French's device to prevent mouth breathing during sleep, adult and child sizes. |

Crutches, Etc.

- | | | |
|--------|---|-------------------|
| H-520 | Crutch, made of rock maple, patent elastic top and bottoms. | Whittemore |
| H-525 | Crutch, made of rosewood, patent elastic top and bottoms, (made to order only). | Whittemore |
| H-530 | Crutch, made of maple, cherry top and handpiece, nickel plated brass ferrules at bottom, with screw socket rubbers. | |
| H-535 | Crutch, plain split maple, with cherry top and hand piece. | |
| H-540 | Crutch Rubbers, Whittemore's , 3 sizes, small, medium, large. | |
| *H-545 | Crutch Rubbers, screw end, 3 sizes, small medium, large. | |
| H-550 | Crutch Rubbers, Excelsior, No. 17, No. 18, No. 19, No. 20, No. 21. | |

All-Cotton-Elastic Bandages

- H-560 **Ace** Bandages, widths, 2 inches, 2½ inches, 3 inches, 3½ inches, inches, 4 inches, 5 inches, 6 inches, 7 inches, 8 inches.

The Ace bandage is an elastic bandage without rubber, it does not deteriorate, but improves in elasticity with washing.

H-535

H-530

Elastic Hosiery

Elastic goods made to order cannot be exchanged or returned for credit, although slight alterations may be made.

We guarantee that the workmanship and materials are the best available.

For measures take exact circumference in inches at points indicated by letters. We allow for compression. Measurements should be taken in the morning before the limb has swollen.

Length measures must be taken on the inside of limb.

Do not give the measurements of the well limb expecting the piece to fit the affected part.

While the value of Surgical Hosiery depends largely on the quality and freshness of the rubber, accuracy of fit is of the highest importance; care should therefore be taken to follow explicitly our directions for measurement. Send for measurement blanks.

DIRECTIONS FOR SPECIAL MEASUREMENTS

Thigh Stockings, circumferences at A, B, C, D, E, F, G, H, I; length from floor to F and F to I.

Thigh Legging, circumferences at C, D, E, F, G, H, I; lengths from C to F and F to I.

Thigh Knee Cap, circumferences at E, F, G, H, I, length, E to F and F to I.

Thigh Piece, circumferences at G, H, I; length, G to I.

Knee Stockings, circumferences at A, B, C, D, E, F, G, lengths, floor to F and F to G.

Knee Leggings, circumferences at C, D, E, F, G; lengths, C to F and F to G.

Knee Caps, circumferences at E, F, G; length, F to G.

Garter Stockings, circumferences at A, B, C, D, E; length, floor to E.

Garter Leggings, circumferences at C, D, E; length, C to E.

Anklets, circumferences at A, B, C; length, floor to C.

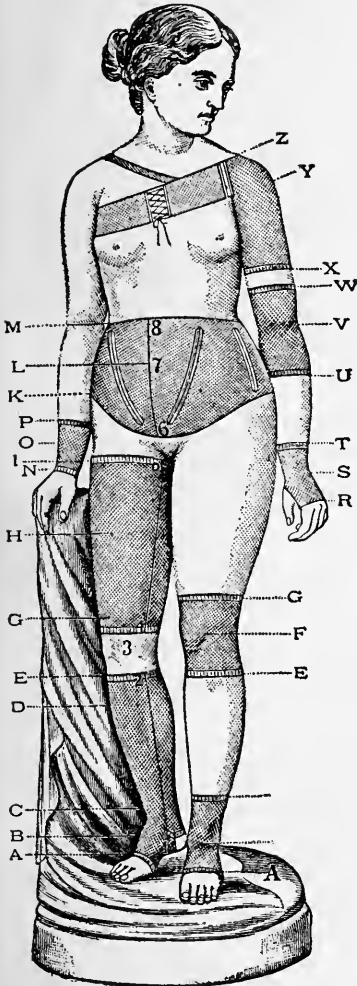
Shoulder Cap, Z, or around form and under one arm as indicated; Y, or around arm at top; Y, also around arm and body to opposite side; X, or around arm a little below Y, and give also length measures X to Y and Y to Z and X to arm-pit. If for right or left shoulder.

Elbow Cap, circumferences at U, V, W; length, U to W.

Wristlet, circumference at N, O, P; length, N to P.

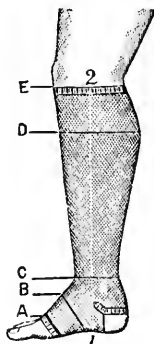
Mitten, T, or around top; S, or around wrist; R, or around hand, including thumb, and also separate measure around the forefingers back of knuckles; also inches around thumb, if thumb piece is wanted, but the mitt is better without the thumb unless compression of the thumb is necessary. Length, R to S and S to T. If for right or left hand.

Abdominal Supporters, circumferences at K, L and M; length, 6 to 7, 7 to 8.

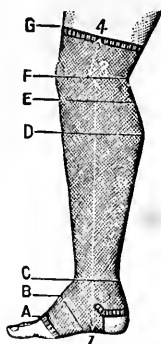


WE CAN LACE PIECES FOR YOU

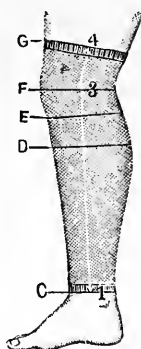
We lace stockings of any length to order only, and laces should be used where the conditions of the limb will not permit of the drawing on of a solid piece, where ankle is too small to permit the piece to be drawn over the heel without over-straining, or where there is over-much swelling to be reduced. State if for right or left limb, as we lace on inner side when condition of limb will permit.



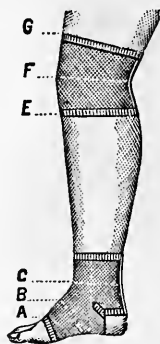
Garter Stocking
H-610



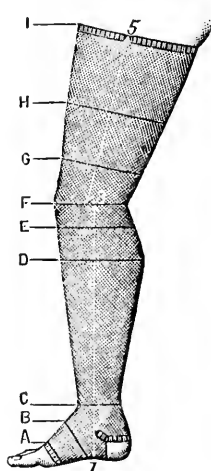
Knee Stocking
H-625-630



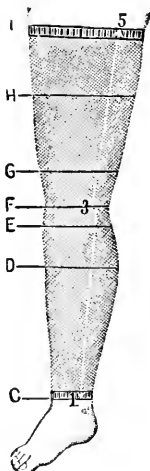
Knee Legging
H-620



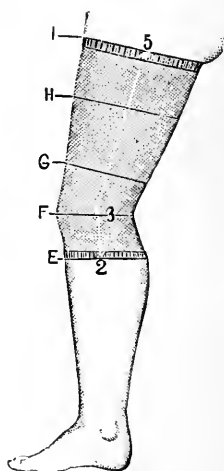
Knee Cap and Ankle
H-600-615



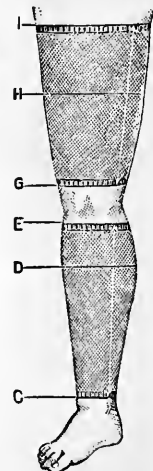
Thigh Stocking
H-650



Thigh Legging
H-640



Thigh Knee Cap
H-635



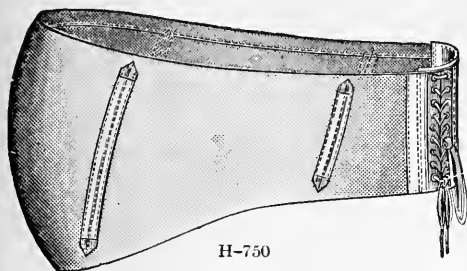
Thigh Piece and
Garter Legging
H-605-645

Elastic Hosiery

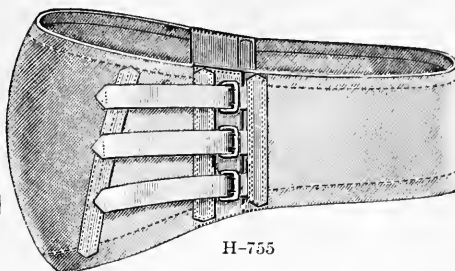
Thread, Silk and Heavy Silk

- H-600 Ankle.
- H-605 Garter Legging.
- H-610 Garter Stocking.
- H-615 Knee Cap.
- H-620 Knee Legging.
- H-625 Knee Stocking, long.
- H-630 Knee Stocking, short.
- H-635 Thigh Knee Cap.
- H-640 Thigh Legging.
- H-645 Thigh Piece.
- H-650 Thigh Stocking.
- *H-655 Arm Piece.

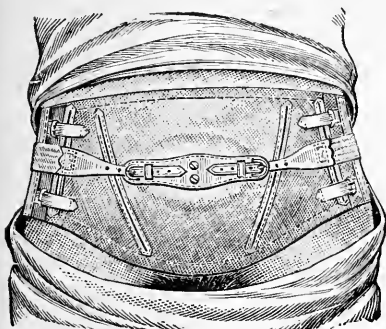
- *H-660 Wristlet.
- *H-665 Wristlet, mitten.
- *H-675 Shoulder Cap.
- *H-680 Garter Leggings, full laced, half laced.
- *H-685 Garter Stockings, full laced, half laced.
- *H-690 Knee Stockings, full laced, half laced.
- *H-695 Thigh Stockings, full laced, half laced.
- *H-700 Knee Caps, full laced.



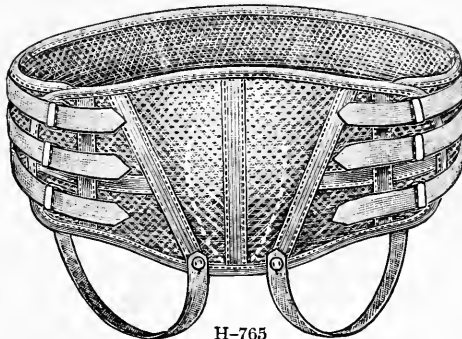
H-750



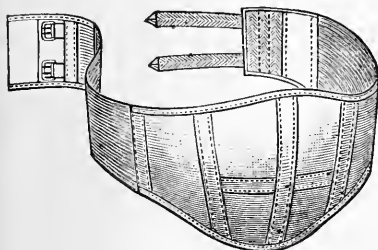
H-755



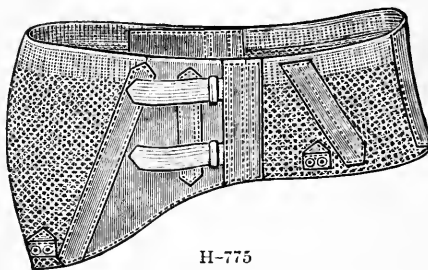
H-760



H-765



H-770



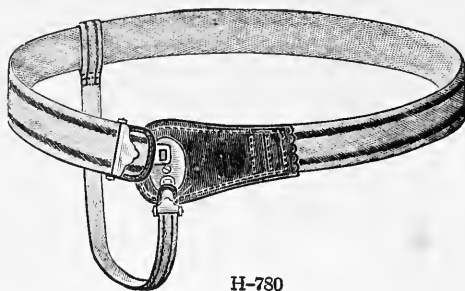
H-775

Abdominal Supporters

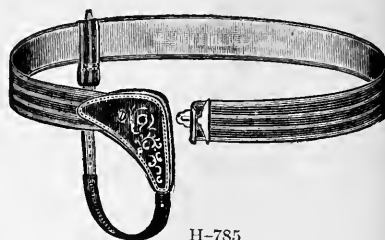
- H-750 Abdominal Supporter, all elastic; laced in back.
- H-755 Abdominal Supporter, all elastic, buckled at sides.
- H-760 Combination Umbilical Supporter and strong Elastic Umbilical Truss.
- H-765 Abdominal Supporter, Este's, for post-operation.
- H-770 Abdominal Supporter, mole cloth, sizes 26 to 36 inches, buckled in back or on sides.
- H-775 Abdominal Supporter, part rigid and part elastic, buckled at sides.

Special Supporters made to order

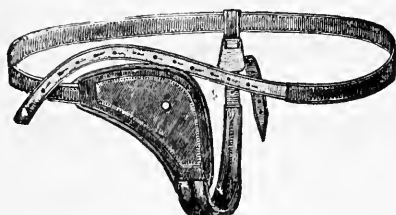
Correspondence is invited. Detailed directions for measurements sent on request.



H-780



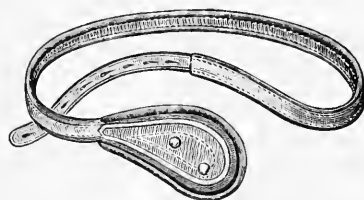
H-785



H-790



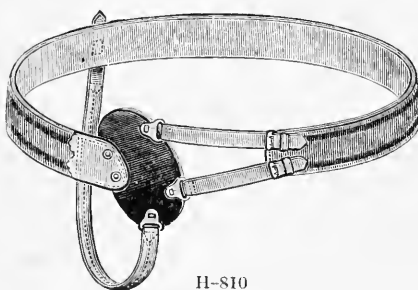
H-795



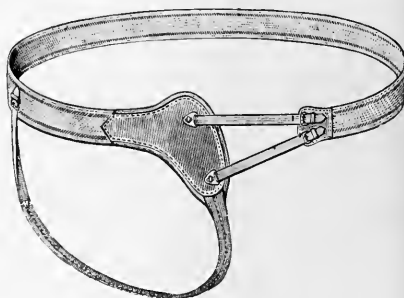
H-800



H-805



H-810

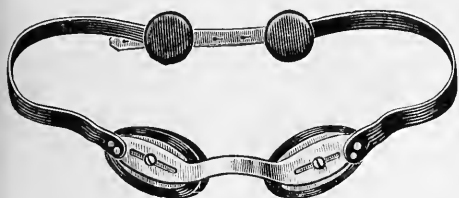


H-815

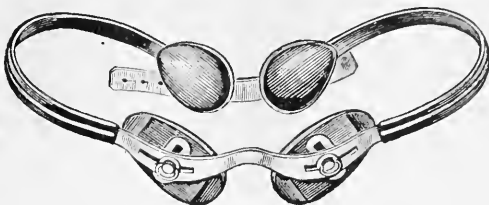
Trusses

- H-780 Elastic Truss, single, reversible.
- H-785 Elastic Truss, scrotal, specify right or left side.
- H-790 Rhenish Truss, scrotal, leather covered, specify right or left side.
- H-795 French Adjustable Truss, leather covered, single, specify right or left side.
- H-800 French Truss, single, specify right or left side.
- H-805 Chase's Genuine Truss, single, leather covered, specify right or left side.
- H-810 Post-operation Truss, elastic, applied from the operated side.
- H-815 Post-operation Truss, elastic, Estes, applied from the operated side.

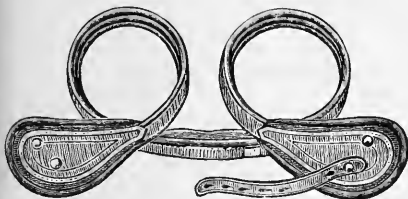
Specify whether right or left, and circumference.



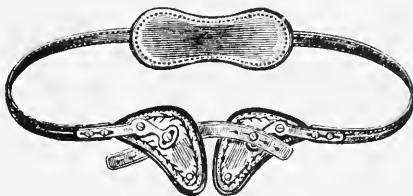
H-820



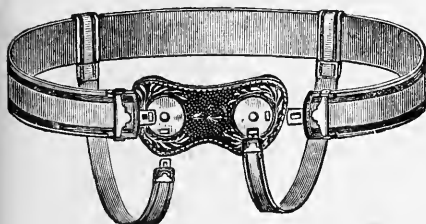
H-825



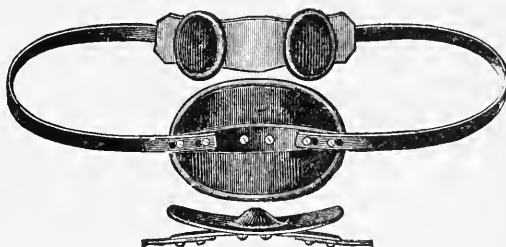
H-830



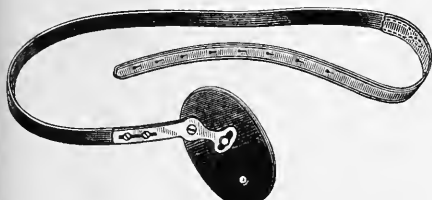
H-835



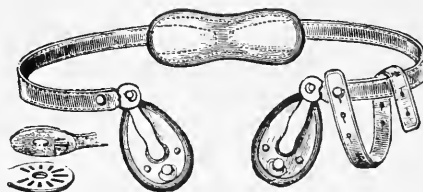
H-840



H-845



H-850

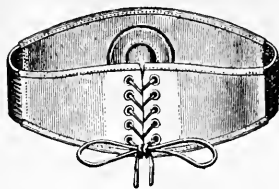


H-855

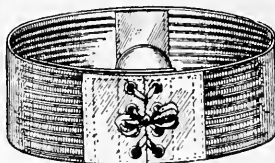
Trusses

- H-820 **Hood's** Truss, hard rubber, single or double.
- H-825 **Hood's** Truss, leather covered; single or double.
- H-830 French Truss, leather covered; double.
- H-835 French Adjustable Truss, leather covered, double.
- H-840 Elastic Truss, double.
- H-845 Umbilical Truss, elliptic spring.
- H-850 Post-operation Truss, adjustable, hard rubber.
- H-855 Set-Screw Truss, leather covered, double.

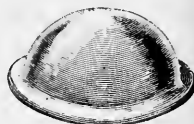
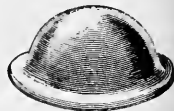
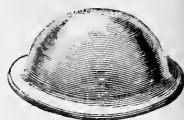
Specify whether double, right or left, also circumference.



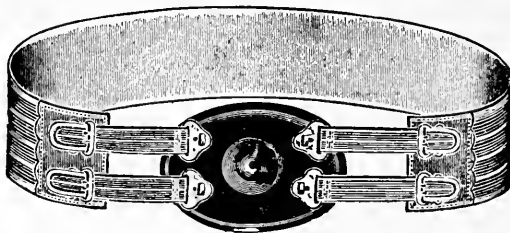
H-880



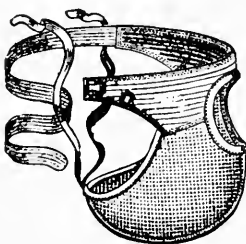
H-875



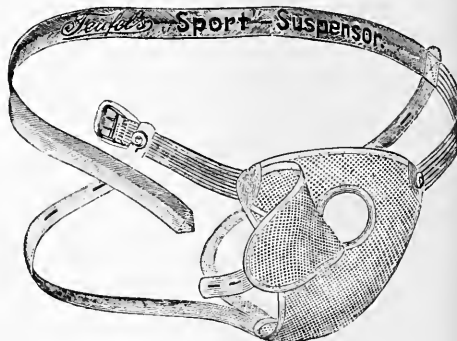
H-885



H-865



H-902-903



H-910-911-912

Umbilical Trusses and Suspensories

Umbilical Trusses

- *H-860 Elastic, leather pad, adults.
- H-865 Elastic, hard rubber pad, adults.
- *H-870 Bow, French pattern, hard rubber, adults.
- H-875 Elastic, to lace, child's.
- H-880 Elastic sides, sateen front and back, to lace, child's.
- H-885 Umbilical Buttons, aluminum, 3 sizes (illustration shows full size).
- *H-890 Umbilical Pads, hard rubber, small, medium or large center pads.

Suspensories

- *H-900 Suspensory, lisle, drawstring.
- *H-901 Suspensory, silk, drawstring.
- H-902 Suspensory, lisle, elastic bands.
- H-903 Suspensory, silk, elastic bands.
- H-910 Teufel's "Sport," 3 sizes, cotton.
- H-911 Teufel's "Sport," 3 sizes, cotton and silk bound.
- H-912 Teufel's "Sport," 3 sizes, all silk.

Scrotal Compressors

- *H-920 Miliano's, thread.

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And I will have the
meaning of love we
have known
~~by having another~~
~~with things love that~~
~~we have shown~~
I plan a life with
love with love that
we have shown

